















JAMMU AND KASHMIR GOVERNMENT

# ADMINISTRATION REPORT

OF

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**JAMMU AND KASHMIR**

FOR THE YEAR 1960—61

(1ST APRIL 1960 —31ST MARCH 1961)





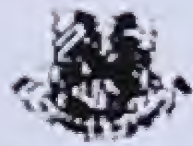


## PREFATORY NOTE

This report has been prepared by the Information Department and is issued under the authority of the Government of Jammu and Kashmir. The account of the administration of the State during the year is mainly based on the reports of the various Departments. It must, however, be understood that the authority of the Government of Jammu and Kashmir does not extend to every detail, either of statement or of opinion.

(Sd.) G. D. SHARMA,

Director Information,



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## PHYSICAL AND POLITICAL GEOGRAPHY

The State of Jammu and Kashmir is situated in the extreme north of the Indian Sub-continent, covering an area of 86,665 square miles. It is divided into three main units—the Frontier areas, the Kashmir Province and the Jammu Province. Its borders meet Tibet, Chinese Turkistan (Sinkiang), the Soviet Republic of Turkistan, Afghanistan and Pakistan.

Srinagar is the summer and Jammu the winter capital of the State.

According to the census of 1961, the total population of the State was 35,60,976 excluding the population of territories in the occupation of Pakistan and China.

*Climate.*—The climatic conditions of the State vary from the arctic cold of the Ladakh District to the extreme heat of the plains.

There is tropical heat in the submountane and semi-mountainous tract of Jammu Province. Kashmir enjoys a temperate climate in summer, but is very cold in winter. Extreme cold prevails in the Frontier District, especially in Dras, Zaskar and Rupshu. The deep narrow valleys between Kashmir and Gilgit are hot and damp. Kishtwar and Bhaderwah have a salubrious climate.

Rainfall is scanty in the Frontier areas, but in the rest of the State it varies from 30 to 65 inches a year. Reasi and Poonch each have more than 60 inches annually. The annual rainfall of the Jammu District is nearly 45 inches and in the case of Kashmir Valley it varies from 30 to 35 inches.

The Jammu and Kashmir State provides a vast field of interest for men of different tastes. To the holiday maker Kashmir is the garden of Asia while for a lover of sport, a wide range of game is available. The great wealth of flora and fauna, the lovely glens, the numerous ancient monuments and the mysterious lands and lofty mountains provide an inexhaustible material for the botanist, the poet, the explorer, the historian and the philosopher.

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## A BRIEF HISTORY

Kashmir was a part of the empire of Ashoka who laid the city of Srinagar. After the commencement of the Christian era, the Valley was invaded by Tartars and Buddhism became the State religion. In the sixth century A. D. came the White Huns. Hieun Tsang visited Kashmir in A. D. 629-31. Lalitaditya is the most famous of the later Hindu Kings. He is said to have subdued many kingdoms and turned his attention to Central Asia and returned victorious *via* Tibet. It is recorded of him that he was a patron of art and culture and carried out many public works and built many temples. Mahmud of Ghazni attempted to invade Kashmir, but failed to effect entry. Dynastic revolutions followed and ultimately the Valley passed into the hands of Muslim rulers.

The most notable of the Muslim rulers was Sultan Zain-ul-Abdin (1420-70), who is said to have introduced paper-making, sericulture and shawl manufacture in Kashmir. He was generous and brave and earned the goodwill of Hindus who had been persecuted earlier. He encouraged learning, fine arts and polytechnic.

Akbar conquered Kashmir in 1586. Jehangir and Shah Jahan were very fond of Kashmir. They built stately mansions, planted Chinars and laid out various pleasure gardens round the Dal Lake and elsewhere. In 1750 Ahmad Shah Abdali occupied Kashmir. From 1819 to 1846 Kashmir remained under the Sikhs. After the disintegration of the Sikh power in the Punjab, Kashmir passed into the hands of Maharaja Gulab Singh. By the Treaty of Amritsar signed on 16th March, 1846, Maharaja Gulab Singh and heirs male of his line were recognised as rulers of Kashmir.

Maharaja Gulab Singh died in 1857 and was succeeded by his son Maharaja Ranbir Singh, who was a great patron of art and letters. He was succeeded in 1885 by his son Maharaja Pratap Singh. Maharaja Hari Singh succeeded his uncle Maharaja Pratap Singh in 1925. The impact of the tribal invasion of Kashmir by Pakistan in October, 1947 broke up the administration of the Maharaja. The vacuum thus created was filled up by the All Jammu and Kashmir National Conference which mobilised the people in a heroic resistance to the invasion.

The Jammu and Kashmir State acceded to India on the 26th October, 1947. The offer of accession was made by the Maharaja supported by the leadership of the Jammu and Kashmir National Conference.

A regular people's Government was formed on the 5th of March, 1948, with Sheikh Mohammad Abdullah as Prime Minister.

A Constituent Assembly based on the universal adult suffrage came into existence on October 31, 1951. The Assembly comprised 75 members. Mr. G. M. Sadiq was unanimously elected the President of the Assembly.

The institution of monarchy in the State was abolished in September, 1952, and Yuvraj Karan Singh was elected as the first Sadar-i-Riyasat of the State.



On August 8, 1953, the Sadar-i-Riyasat dismissed Sheikh Mohammad Abdullah from Prime Ministership.

On February 6, 1954, the report of the Drafting Committee of the Constituent Assembly ratifying accession of Jammu and Kashmir State to India was adopted unanimously by the Assembly.

The President's (Application of Constitution to Jammu and Kashmir) Order was issued on May 14, 1954.

The Jammu and Kashmir Constituent Assembly adopted the new Constitution on November 17, 1956. Sections 1, 2, 3, 4, 5, 6, 7, 8 and 158 pertaining to the title of the Constitution, definitions, relationship of the State with the Union of India, territory of the State, extent of the executive and legislative powers of the State, definition of permanent residents etc., came into force on the 17th November, 1956 and the remaining sections on the 26th January, 1957.

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**POLITICAL SITUATION (1960-61)**

Owing to special conditions prevailing in the State no Census was held during 1951. Accordingly the Census Act of 1948 was amended which facilitated the holding of Census in the State along with the rest of India. The 1961 Census is, therefore, the next Census after 1941. The current Census does not include the population of territories in the occupation of Pakistan and China.

The population of the State of nine districts on March 1, 1961 was 35,60,976, that of males 18,96,633 and of females 16,64,343. There has thus been an increase of 20.5 per cent in the State's population in the last 20 years. Doda District shows the highest growth-rate of 14.21 per cent between 1951-61 while Poonch-Rajouri shows the lowest of 0.24. In all there are 3,92,761 literate persons in the State giving a literary percentage of 10.6. The cities of Jammu and Srinagar claim the largest literate persons.

The dissolution of Democratic National Conference and its re-union with the ruling National Conference marked a change of far-reaching character in the political life of Jammu and Kashmir.

The Democratic National Conference came into being in 1957 when a group of dissidents led by Mr. G. M. Sadiq broke away from the parent body (the National Conference) following differences between Bakhshi Ghulam Mohammad, President of the ruling party, and Mr. Sadiq. The differences arose over the implementation of Government's economic programme and other policies.

The march of events during the last 3 years served as a compelling force to bring the two leaders together and rise above petty questions of prestige and factional controversies. Both decided to reunite to work together in the face of the dangers facing the State across the borders. There was no ideological difference between the group of dissidents and the ruling party. Both stood for the continued accession of Kashmir to India and both professed their faith in the "New Kashmir". In December, 1960 the dissidents, excepting a few, joined the National Conference.

The Prime Minister, Shri Jawaharlal Nehru arrived in Srinagar on July 21, 1960 on a 5-day visit to the State.

During his stay he visited the Indian Army forward posts and also flew to the border area of Ladakh. He also saw the development works now in progress there. At a civic reception at Ladakh, Mr. Nehru assured Ladakhis' full help in their endeavour to build modern Ladakh strong and prosperous.

Later, while addressing the National Conference workers at Srinagar Mr. Nehru felt that considerable progress had been



achieved, the signs of progress were evident. "I cannot say if it is magic but, anyway, it is progress and for sometime this progress has been intensive," he said. He said that in Srinagar the city's face had changed. There were many signs of progress. The indication was that the revenue had gone up. Education had been made free. All this progress had been achieved in a short time. Kashmir had set itself on the path of progress and the tempo of progress was bound to increase but, he said, there was no room for complacency.

The 22nd Annual Session of the National Conference was held at Baramulla in October, 1960 under the Presidentship of the Prime Minister, Bakhshi Ghulam Mohammad. The session was attended by about 1,600 delegates from all parts of the State.

The resolution adopted said that onerous responsibilities devolved upon the Government in guiding the State towards the economic and social objective of a socialist pattern of society. It noted with satisfaction that inspite of tremendous handicaps "marked improvement in the State's economy and the living conditions of the people have been brought about as a result of the earnest efforts made by the Government towards planned development."

The resolution recommended changes in the present pattern of formal education with a view to solving the problem of the educated unemployed, the linking of the State with the rest of the country by railway and the granting of ample opportunities to private resources and initiative to accelerate the economic progress of the State. It also demanded that greater attention be paid to the problems of the backward classes.

A Sikkim teachers' delegation arrived in Srinagar on March 29, 1960 on a brief visit to see the State's educational institutions.

The leader of the delegation, Mr. Bidurla, described as gigantic, the efforts being made to spread education. Mr. Bidurla also congratulated the State on providing free education for the people.

The three-member Saudi Arabian Press delegation arrived in Srinagar on October 23, 1960. After its two-day visit of the State the delegation observed that the Hindu-Muslim unity would stand them in good stead for further development of the State.

Among other dignatories who visited the State during the year under review mention may be made of the King of Nepal who came to Srinagar in July, 1960. The King visited the Kashmir Government Arts Emporium and expressed appreciation of Kashmir handicrafts.

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## POLICE DEPARTMENT

### Administrative Control

The charge of the office of Inspector General of Police was held by Shri D. W. Mehra, who was assisted in the administration of the Department at the Centre, by the Deputy Inspector General of Police (Administration) and the Assistant Inspector General of Police.

Each of the two Ranges, Jammu and Kashmir continued to remain under the charge of a Deputy Inspector General of Police. Leh Sub-Division was raised to the status of a full-fledged district under the charge of a Superintendent of Police instead of a Deputy Superintendent of Police.

### District Scheme

The District Scheme was implemented and independent Police lines were created in all districts from July, 1960.

### Training Classes

#### LOWER CLASS FOR CONSTABLES

A fresh course was started from 1st July, 1960 and the instructions were imparted, mostly on the lines of the syllabus followed at R. T. C. Jahan Khallan, Hoshiarpur. One hundred and twenty-five constables, 100 from Jammu Range and 25 from Kashmir Range, were deputed for training. In the final test 69 qualified as literate constables, 22 as semi-literate and 28 as illiterate constables. Besides 4 Drill Instructors of the P. T. S., one Head Constable and 3 Constables attended the lower course in law and passed the final test.

#### UPPER CLASS

During the year review two probationary Inspectors and one A. S. I. joined the school for preliminary training before joining PTS Phillaur. Besides 8 A. T. I.'s also joined the school for full course training in the upper class.

### Range Firing

289 trainees were taken out for Musketry Classification and Revolver Firing in different batches three times during the year, twice in the months of June and August to Baramulla Range and once in December to Ganderbal Range.

### Revolver Firing

Three Traffic Inspectors, 25 A. T. Is. and 91 Constables were given training in revolver firing during the year under report. All of them passed.



## Training outside the State

One S. P. and 5 Dy S Ps who were in service for some years but did not have the benefit of training in a first class institute, were sent for Gazetted Officers Course to Phillaur in April, 1960.

One ASP and one Dy. S P. were deputed for four and a half months' G. O's training at PTS Phillaur in April, 1960. They completed their training in August, 1960.

In order to familiarise officers with methods in scientific investigation one officer (ASP) was deputed to Central Police Training College at Mount Abu for Advance Course for I. P. S. Officers for six months. The A S. P. returned after completing the training in December, 1960

In the month of April, 1960 one Company of K. A. P. participated in the North Zonal Police Collective Training in Rajasthan, where they familiarised themselves with the topography, terrain, habits and ways of people of Rajasthan. The Company won a number of trophies in the course of training.

One Superintendent of Police, two Dy. Superintendents of Police, 3 S. Is., 2 A S Is., 3 Head Constables and 6 Constables were deputed to the Police Training School, Phillaur for 11 days training in Tear Smoke Course.

During the year under report 147 officers and men were deputed for different training courses in P. T. S Phillaur and other training institutes in the country.

## Rewards

A sum of Rs. 2,564 was paid as rewards this year as against Rs. 2,350 paid last year. Out of this amount Rs. 1,922 were paid to Police Officers and men and Rs. 642 were paid to the members of the public who helped the Police in detection and prevention of crime.

## Decorations

Wazir Lachman Dass Thakar, IPS, D. I. G. of Police Jammu was awarded the Indian Police Medal for his meritorious services to the Department.

## Police Welfare Fund

Financial assistance in the shape of aids and loans amounting to Rs. 14,830, was given to the Police personnel in distress out of the Police Welfare Fund during the year under survey.



## Police Hospital

The Police hospitals at Range Headquarters continued to function smoothly and cater to the needs of Police units.

## Police Wireless

A new Wireless Station was established at Bhadarwah. In addition to static wireless sets functioning at various stations, mobile communication facilities were afforded on the occasion of pilgrimages to Shri Amar Nath Ji and Vaishno Devi Ji. Emergency communications were also set up during the year under report.

## Training of Wireless Personnel

Police personnel were trained in various courses organised by the Directorate of Co-ordination Police Wireless New Delhi. One A. S. I. (Tech) was deputed to Directorate of Co-ordination Police Wireless New Delhi for Grade I Course.

Two A. S. Is. (Tech) one from Regular Police and one from Additional Police were sent to Delhi for Grade II Course

One Head Constable (Tech) was sent to Delhi for Armature Rewinding Course.

## Fire Brigade

The State Fire Brigade remained under the administrative control of the D. I. G. Border till 8th August, 1960 when Jammu and Kashmir Fire Brigades were placed under the administrative control of D. I. G. Jammu and Kashmir Ranges respectively. Shri P. N. Malhotra continued to be the Superintendent Fire Brigade Jammu and Kashmir

The Jammu Fire Brigade attended 42 fire calls including one from rural area during the year under report against 9 such calls in the previous year. The total damage caused by these fires amounted to Rs 36,494 as against Rs. 2,11,040 in the previous year. The property at risk in these fires was worth Rs. 38,10,000 as against Rs. 14,80,000 of last year. Damage caused in rural areas amounted to Rs. 9,000. The property at risk was worth Rs. 50,000.

The Srinagar Fire Brigade attended 180 fire calls in the year under report as against 137 calls in the previous year. There were 35 fire calls from rural areas as against 16 calls of last year. The total estimated damage caused by these fires in the city of Srinagar amounted to Rs. 4,92,095 as against Rs. 1,76,149 of the previous year. The property at risk was estimated at Rs. 1,37,32,000 as against Rs. 2,05,78,000 in 1959 60. Damage caused in rural areas by the fires amounted to Rs. 9,42,030 as against Rs. 5,06,905 of the previous year. The property at risk was



Rs. 44,30,000 as against Rs 16,69,000 in the previous year. The Government property damaged in these fires amounted to Rs. 2,665. The Government property at risk valued at Rs 22,250.

### Training

Srinagar Fire Training Centre continued to impart necessary training to Firemen.

### Buildings

During the year under report, a sum of Rs 22.54 lakhs (later revised to Rs 19.10 lakhs) was provided in the Budget for the Police Department works. Out of the said amount Rs. 4.69 lakhs and Rs. 14.41 lakhs respectively were allotted to Kashmir and Jammu Ranges for the execution of constructional works.

In addition to these, the Department purchased a building for Police Station Hiranagar for Rs. 38,550 during the year under report.

Besides Rs 15,000 (later revised to Rs 6,000) were provided in the Budget for the construction of Police Station Sonawari. The work is almost complete now.

### Sports

With a view to raising the standard of sports in the State Police Force and to augment the funds raised by the Department from its members, an amount of Rs. 15,000 was provided by the Government in the Budget. For the first time, Inter-Range Tournaments were held side by side with the Annual Police Conference in October, 1960 at Srinagar. Teams of the Department participated in All India Aquatic Competition held at Dehli. Players and athletes of the Department for the first time joined the coaching camp organised at Jullundur by the Inspector General of Police, Punjab.

### Crime

The total cognizable reported crime (Class I to V) during the year under report was 3,755 as compared to 3,757 in 1959 and 3,938 in 1958. An appreciable fall was registered during the year under survey in what is commonly known as "professional crime". Dacoity registered the lowest figures this year as compared to the figures of the last five years. The same was true of robbery. Burglary registered a fall from 912 in 1959 to 862 cases in 1960.

The break-up of crime under various classes is given below :

	1959	1960
<i>Class I</i>		
Offences against the State, Public tranquillity, Safety, Justice etc. . .	314	354



	1959	1960
<i>Class II</i>		
Serious offences against persons ..	880	890
<i>Class III</i>		
Serious offences against persons and property or property only ..	1,389	1,175
<i>Class IV</i>		
Minor offences against persons ..	82	93
Minor offences against property ..	1,313	1,295
Total cognizable crime Class I to V ..	3,938	3,757

### Principal Offences

Details of principal offences committed during the years 1959-60 and 1960-61 are given below :—

	1959	1960	Fluctuation
Murder ..	62	68	+ 6
Culpable Homicide ..	16	14	— 2
Dacoity ..	59	52	— 7
Robbery ..	89	83	Mostly of a technical nature.
Kidnapping and abduction ..	124	111	— 13
Burglary ..	912	862	— 50
Rioting ..	272	325	+ 53
Theft Ordinary ..	568	646	+ 78
Theft Cattle ..	182	186	+ 4

### Percentage of Conviction in Principal Offence

The following table gives details of the conviction secured in principal offences during the year under report and the preceding year.



**Percentage of Cases Convicted to Cases Decided**

	1959	1960
Murder	.. 28.5%	50.1%
Culpable Homicide	.. 38.4%	80.0%
Dacoity	.. 27.2%	6.2%
Robbery	.. 18.1%	18.7%
Theft ordinary	.. 53.5%	32.3%
Burglary	.. 40.0%	21.3%
Cattle theft	.. 42.5%	10.0%
Kidnapping and abducting	.. 18.4%	15.0%
Rioting	.. 17.7%	1.8%

**Administration of Local and Special Laws**

The analysis of working of some of the important local and special laws is given below :

Cases reported	1959	1960
Arms Act	.. 55	62
Gambling Act	.. 6	11
Excise Act	.. ..	1
Explosive Substances Act	.. 59	71

**Proclaimed Offenders**

	Number at large including figures of previous year	Arrested during the year	Arrests cancell- ed	Number at large at the end of the year
Jammu Range	.. 60	1	4	55
Kashmir Range	.. 109	31	5	73
Total	.. 169	32	9	128

**Absconders**

Jammu Range	.. 658	12	16	630
Kashmir Range	.. 770	63	3	704
Total	.. 1,428	75	19	1,334



**Juvenile Delinquency**

The table given below shows the state of juvenile delinquency in the State :

	No of offences committed by Juveniles	Juveniles apprehended		Total
		12 to 17 years	17 to 21 years	
1. Murder ..	2	1	1	2
2. Attempt at murder ..	1	..	1	1
3. Rape ..	2	2	1	3
4. Unnatural offence ..	1	..	1	1
5. Grievous hurt ..	1	..	1	1
6. Hurt ..	4	2	2	4
7. Kidnapping or abduction ..	1	..	1	1
8. Robbery ..	1	..	1	1
9. Serious mischief ..	1	..	1	1
10. Lurking house trespass ..	6	2	4	6
11. Wrongful restraint and confinement ..	2	..	2	2
12. Theft cattle and ordinary ..	5	3	3	6
13. Criminal breach of trust ..	1	..	1	1
14. Cheating ..	3	3	..	3
15. Criminal trespass ..	6	2	6	8
Total ..	37	15	26	41 (One girl)



**Search Slips**

During the year under report 577 Search Slips were forwarded to Finger Print Bureau, Phillaur as against 796 Search Slips sent last year.

Out of the 577 Search Slips sent 70 slips were received back as traced, only 9 were found defective. During the same year 261 F. P. (record) Slips were prepared and forwarded to the Bureau at Phillaur and the Central F. P. Bureau for record.



**INFORMATION DEPARTMENT****EXHIBITION AND CULTURAL UNIT, KASHMIR**

The Exhibition and Cultural Unit, Kashmir, of the Information Department continued to perform its duties with the prime object of popularising Plans through dramas, ballets, symposia, Mushairas, debates, exhibition of posters, photos etc.

During the year under review fifty-one cultural programmes, two dramas, five Mashairas, five shows of the ballet "Havas Ta Hasil", ten exhibitions of posters and photographs were held. Forty-four literary meetings were also organised. The work of compilation of a book pertaining to the lives of Martyrs of Kashmir was taken in hand.

These programmes were witnessed by more than twenty-five millions of people both in the State and in different parts of the country.

**KASHMIR BUREAU OF INFORMATION,  
NEW DELHI**

**Publicity Material**

During the period under review, the unit issued articles in English, Urdu and Hindi covering various aspects of life and activity in the State. These articles were published by almost all the papers in the country. Background articles were also made available to the Press in the country on special occasions like The Republic Day and the Independence Day.

Special and exclusive articles were prepared on Tourism, Industry, Agriculture, Education, Roads, Five-Year Plan Progress etc. and were made available to various newspapers and news agencies, for publication in their supplements and special editions.

This Bureau also issued handouts, press notes and texts of important statements.

This unit also arranged the distribution of the publications issued by the Directorate during the period under review. These publications, were distributed amongst the Members of Parliament, public libraries, news agencies and newspapers, colleges and universities and other institutions.

Interviews of Pressman with visiting Kashmir leaders were often arranged. A number of Press Conferences addressed by the Prime Minister and other Ministers were also arranged.



## FIELD PUBLICITY, JAMMU

**Visual Publicity**

The Visual Publicity Wing of the Organisation exhibited documentaries and Indian News Reels sent by the Government of India. Films got from various other libraries pertaining to Social Welfare, Health, National Extension Service, Education and Development activities were also exhibited.

During the year under review the total number of programmes covered by the Films was 201. More than 2 lakhs of people witnessed these shows.

The Film Unit also covered the tours of the Hon'ble Ministers and other V. I. P's. The P. A. S. was also installed at important public meetings. The Unit also made special announcements in and outside the city. During the period under review 104 P. A. S. and 23 announcements were made by this Organisation.

## EXHIBITION AND CULTURAL UNIT, JAMMU

During the year under report the Unit organised 8 poetic symposia, 3 dramas, 3 variety programmes and one opera.

Besides these this Unit extended its fullest co-operation to Song and Drama Division, Government of India in staging a show in Jammu and also to the Mobile Squad in organising photo exhibitions at important towns of the Jammu Province.

Nearly 50,000 people were benefited by the programmes arranged by this Unit. Most of the programmes were staged in the remotest corners of the Jammu Province.

**Programmes Outside the State**

This Unit also participated in the Fourth All India Youth Congress Convention held at Jaipur. The troupe sponsored by this Unit was adjudged the best out of 500 participants from other States.

## PRESS INFORMATION BUREAU, SRINAGAR

During the year under review the Press Information Bureau, Srinagar continued to cater to the needs of both the local and outside Press. The Bureau issued 316 press releases and 447 un-official news items. As many as 3,838 cuttings containing suggestions, complaints and comments from local newspapers were sent to the various Departments for remarks. 582 replies were conveyed to concerned local newspapers in this period.



During the period under report 5 dailies, two bi-weeklies, 11 weeklies and one fortnightly were published from the Kashmir Province. The Weekly Kashmir ceased to appear from the middle of December, 1960.

There were 25 printing presses including one Government Press working in the Kashmir Province during the period under report.

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## ACCOUNTANCY TRAINING SCHOOL

In the beginning of the year under report the second batch of the Secretariat Training Class was in session. It completed its training during August, 1960. Only two trainees of the Secretariat Training Class out of a batch 20 passed in the examination in the session ending August, 1960. The trainees of the said class had no immediate prospects of promotion or of any pecuniary benefit to them after passing the said examination, so the examination was declared obligatory for purposes of promotions to the posts of Head Assistants and for drawal of increments. This had a very healthy effect on the students of the class and in the 3rd batch of this class, which comprised of 18 candidates, as many as 12 got through the examination.

### Junior Accountants Class

16 candidates out of a total of 35 passed in May, 1960. A supplementary examination of the failures was held by the Public Service Commission during October, 1960 and 13 candidates more qualified themselves in the said examination, thus bringing the total number of passes to 29 out of a total of 35 trainees. The second session of this class was enrolled with 32 candidates on the rolls during November, 1960.

### Accounts Clerks Class

The second session of this class started functioning in the School during June, 1960 with 41 candidates on the rolls of the class. Their examination was conducted by the Public Service Commission during December, 1960 and 23 candidates came out successful.

### Conclusion

In all, the School has trained 162 Accountants, Accounts Clerks and Secretariat Assistants so far out of which 93 have passed their respective examinations conducted under the auspices of the Public Service Commission. The special features of the School are that in due course of time all the Accountants of the Accountant General's Office who are at present working in the Forests, P. W. D. and other departments of the Government shall be replaced by the Accountants trained in the School in the near future.

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**FINANCE DEPARTMENT (INSURANCE SECTION)**

*Ordinary and Compulsory Insurance under the Old Rules.*—With the introduction of the Revised Compulsory Insurance Scheme from 1947 no insurance policy was issued under the old rules which were superseded by the Revised Insurance Rules which are in force at present. The contracts taken out under the old rules, however, subsist fully.

*Compulsory Insurance under the Revised Rules.*—301 new insurance policies valuing Rs. 5,74,440 were issued during the year under report.

*Balance at Credit of the Fund.*—The Fund opened with a credit balance of Rs. 29,52,359.63 and closed with a credit balance of Rs. 33,70,110.01.

*Claims Accrued in the Normal Course by Death Payment Made and the Outstandings.*—37 deaths involving a liability of Rs. 38,460.00 upon the Fund were reported during the year. 108 policies valuing Rs. 1,64,110.00 matured in their normal course during the year. One policy for Rs. 866.70 was declared paid-up during the year. Six policies were surrendered for Rs. 3,474.07.

To end of March, 1961 total number of deaths from the start of the Fund was 339 for which a sum of Rs. 2,70,316.71 was paid and in respect of which there still remains a liability of Rs. 28,702.85.

Total amount of policies which matured since the establishment of the Fund till the end of 1960-61 in the normal course *i. e.* by attainment of age of maturity by payment of surrender value or maturity of paid-up policies is Rs. 7,21,301.52.

Rs. 5,71,013.01 had already been paid on this account up to the end of the year under report while the balance of Rs. 83,150.98 still remained payable.

The total outstanding liabilities up to end of the year 1960-61 on account of the two kinds of claims as explained above is thus Rs. 1,11,853.83.

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**GENERAL DEPARTMENT (TRAININGS BRANCH)**

Trainings in the following courses were arranged for the number of students indicated against each training course during the year 1960-61.

1. M B. B. S.	..	142	(including seats available in Srinagar Medical College).
2. Ayurvedic and Unani	..	14	
3. B. D. S.	..	25	
4. B. V. Sc.	..	17	
5. B. Sc. Agriculture	..	114	(including students admitted at Agriculture College, R. S. Pora, Jammu and Sopore, Kashmir).
6. Diploma Courses	..	149	
7. Post-Graduate Courses	..	53	
8. Pharmacy	..	2	
9. Superior Forest Service	..	5	
10. Rangers Course	..	10	
11. Degree Engineering	..	207	(including Regional Engineering College, Srinagar).
12. Optometry	..	1	
13. B. Sc. Nursing	..	1	

In addition to the above trainees departmental officers were deputed for undergoing short term courses in various institutions outside the State. Similarly a few nationals of the State were deputed abroad for specialised studies in Engineering, Surgery, Nursing etc.

**Financial Assistance to Scholars**

Loans have been given to students by the Government for various trainings during the year. A provision of Rs. 30,00,000 exists in the Budget for the purpose. 12 students have also been granted scholarships and an amount of Rs. 20,000 has been placed at the disposal of the Chancellor, Muslim University, Aligarh for grant of scholarships to the deserving students of the State studying there.

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## EDUCATION DEPARTMENT

### Administration

The Department remained under the administrative control of Shri G. A. Mukhtar, Director Education, during the year under report.

### General

In order to switch on to the new pattern of educational system namely the Three Year Degree Course at the University level, the diversified course of multipurpose type of three years in Secondary Education and the Elementary Education of Basic Activity type of eight years, the schools in the State have been converted and upgraded so that the overall position of various types of institutions at the end of the year under report stood as under :—

	Male	Female
(a) <i>College Education</i>		
Degree Colleges ..	10	2
Teachers Training Colleges ..	2 mixed	
Commerce College ..	1	
(b) <i>Secondary Education</i>		
Multilateral Higher Secondary Schools ..	23	1
(c) High Schools ..	181	45
(d) Middle Schools ..	533	
(e) Primary Schools ..	2,858 (including Maktab and Patshallas)	
(f) Post Matric Training Schools for Teachers ..	8	2
(g) Oriental Colleges ..	4	6



**Budget**

The budget figures for the year 1960-61 stood as under :—

University	Rs. 18,09,400
Secondary	Rs. 62,14,200
Primary	Rs. 24,04,200
General	Rs. 15,80,000
Development Schemes	Rs. 74,53,500

Total — Rs. 1,94,62,000

**Enrolment**

The total enrolment in the educational institutions in the State was 3,02,712, of which 2,32,696 were male and 70,076 female.

**Primary Education**

In addition to Basic and Primary Schools where children of the age groups 6 to 11 and 6 to 13 study, Maktabas and Patshallas which impart instructions in Muslim and Hindu Scriptures respectively, impart instructions in the three R's also. The number of such institutions for 1960-61 stood as under :—

No. of Maktabas and Patshalas for Boys	344
No of Maktabas and Pathshalas for Girls	12

Mobile Primary Schools also exist for nomadic people.

The cost *per capita* during 1960-61 worked out at Rs. 46 per pupil at the Primary stage. The educational facilities in Elementary Education at the end of 1960-61 extended to about 39% of the school-going population in the age group 6 to 11.

**Secondary Education**

The expenditure *per capita* during 1960-61 worked at Rs. 66 per pupil.

The educational facilities in the domain of Secondary Education extended to 35% of age group 11 to 17 at the end of 1960-61.

**University and College Education**

At the end of 1960-61 there were 13 Degree Colleges in the State giving instructions in both science and arts subjects besides two Teachers Training Colleges and a Commerce College. There are two separate Colleges for Women students. Post-graduate classes have also been opened at Jammu and Srinagar in English, Mathematics, Economics, Zoology, Botany, Geology, Hindi and Urdu.



The expenditure on College Education by the end of 1960-61 stood at Rs. 386 per student.

### **Technical Education**

Two Industrial Training Institutions were started in the State in accordance with the approved pattern of the Government of India. Liberal grants were provided to run these institutions effectively. Instructions in textiles, motor mechanics and electricians' courses etc are being imparted in these institutions. Deserving students who join these courses are being granted scholarships of handsome value to cover their expenses. The establishment of these institutions has cost the State exchequer an annual expenditure of Rs. 2.60 lakhs. The intake capacity of these institutions in different trades is 328.

One Polytechnic and one Engineering College have been opened at Srinagar. A Medical College has been established at Srinagar. Two Agricultural Colleges, one at Sopore (Kashmir) and the other at R. S Pora (Jammu) are also being opened by the Government. The establishment of an Auyrvedic College at Jammu and Tibbia College at Srinagar has been approved by the Government.

### **Teachers Training**

The number of Teachers Training Schools besides the two Post-Graduate T. T. Colleges stood at 13 at the end of 1960-61. This included two Training Classes attached to the High Schools of Frontier District.

Refresher courses were held for Primary and Secondary teachers during the year 1960-61 both at Srinagar and Jammu T T Schools and Teachers Training Colleges respectively.

### **Teaching of Science**

Of 163 High Schools, 137 schools catered for the study of science as elective subject at the end of 1960-61. Science clubs were established in six Secondary Schools in the year 1960-61.

### **Building Programme**

During the year 1960-61 an amount of Rs. 3.00 lakhs was spent on construction of buildings for educational institutions

### **Physical Education**

A stadium has been built at Srinagar at a huge cost to cater to the needs of games and sports and to pull up the standards of sportsmanship. A similar stadium is under construction at Jammu also. It is intended to construct stadia at each District.



During the year 1960-61, Rs. 1,62,000 were spent on Youth Camps, Sports and Games and Rs. 4,000 on Scouting.

### **Library Movement**

Besides the School, College and Public libraries, the establishment of mobile libraries is receiving consideration.

### **Scholarships**

The amount of Rs. 1,00,000 was provided for grant of scholarships to students during the year 1960-61. The value of the scholarships ranges from Rs. 5 to Rs. 50 per month.

### **Audio-Visual Education**

Two Audio-Visual Units have been started by the Department, one in Jammu and the other at Srinagar both of which are equipped with a mobile library, educational charts and recording apparatus. Besides witnessing educational films, the teachers and the taught study books and listen to recorded speeches and music.

### **Inspection**

During the year 1960-61, a panel of Inspecting Officers at the District level was created. These District Inspectors of Education, look after the administration and supervision work at District level. The District Inspector Leh has been invested with the administrative powers of the Dy. Director of Education to facilitate speedy execution of educational schemes in that far-flung area.

### **Text Books**

During the year 1960-61, a committee of experts met to examine and revise draft syllabi up to VIII-Class keeping in consideration the new trends in the Secondary Education and the changes in the system of coinage and measurement in the country. The revised draft syllabi have been adopted by the Text Book Committee.

### **Grant-in-Aid**

The number of schools run by private agencies stood at 70 during the year under report and the amount of grant-in-aid being paid to them rose to Rs. 6.72 lakhs.

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## RESEARCH AND PUBLICATION DEPARTMENT

### General Administration

(i) The overall control of the Department continued to remain under the Director of Education, Research and Publications.

(ii) The Research and Publication Department continued to be divided into two sections: (1) Research and Publication (2) Text Books Production.

### Purchase of Manuscripts

During the year under report 307 valuable manuscripts from various sources were purchased as against 202a manuscripts purchased during the year 1958-59.

### Preservation of Manuscripts

Great care was taken to preserve the manuscripts. The manuscripts were fumigated in a specially designed fumigation thymol chamber.

Many unidentified manuscripts were scrutinised and arranged according to their proper titles etc. and restored to their proper places in the Manuscripts Library.

### Research Work Undertaken

(a) *General*.—The Kashmir Research Biannual Vol I Part II is under print.

(b) *Sanskrit*.—(i) Out of 5 Stawas of Panchastawi Tika, the fifth Stawa have been completed and the first and second Stawas are under print.

(ii) A new critical edition of Shiva Sutra Vimarshani based on 7 manuscripts of the work is just to complete.

(iii) A critical edition of Guronatha Paramarsha is under print.

(c) *Persian*.—(i) Third Volume of the Tarikh Hassan is under preparation.

(ii) Kalami Sadiq is under print.

(d) *English*.—A valuable collection of Kashmiri proverbs in the form of dictionary titled as "Wit of Kashmir" by Sudershan Kashkari is under print.

### Research Library

(a) During the year under report 811 volumes of different



subjects as against 522 volumes of the year 1958-59 have been added to the Library either by purchase or by exchange or free gifts to the Library. This has raised the number of volumes in this Library from 10,794 of the previous year to 11,640.

(b) Many scholars from within and outside the State visited the Research Library during the year and were given all facilities to consult the reference material of various types.

### Research Publications

(a) Stock position of publications in hand on  
April 1, 1960 .. 43,180

b. Number of volumes printed from  
April 1, 1960 to March 31, 1961 .. 5,413

Total .. 48,593

### Text Book Section

During the year the Department only prepared and processed the press copies while the printing of books was entirely entrusted to the Controller Stationery and Printing, Srinagar by the Government. The whole stock of Text Books got printed by the Controller, Stationery and Printing was distributed between the Text Book Stores Jammu and Srinagar according to their provincial needs.

To ensure timely supply of books to the students even in the far-flung areas of the State reputed booksellers from various parts of the State were enlisted as registered agents and allowed 6½ % discount on the printed price of each book. Thus students got the books at the printed prices without any surplus charge.



## **ARCHIVES DEPARTMENT**

### **Change in Nomenclature**

The nomenclature of the Department was changed from "Records" to "Archives" and accordingly the Records Department was re-designated as the State Archives Department and the provincial Records Repositories as State Archives Repositories. Mr. M. F. Hassnain continued to hold the charge of the Department.

### **Map Section**

In order to prepare, check and authenticate maps in the State the Map Section of the Department has been provided with necessary technical staff and material. Preparation of Departmental maps has been started in the State Archives Repository, Srinagar.

### **Inspection of Records**

The provincial Superintendents visited institutions and Government offices in their Province with the object of imparting technical advice regarding scientific maintenance of archives. The Director of Archives went to Leh to examine important old archives and to consider possibility of establishing a Records Repository there for archives lying in various Government departments of Ladakh.

### **Technical Operations**

Nearly 6,000 files were received from various Government offices during the current year. About 30,000 files were checked, enlisted and accessioned. Besides this, the Provincial weeding parties were deputed to various offices for weeding and overhauling of archives lying there.

### **Research and Reference Service**

Nearly 1,000 requisitions were supplied to Government offices. Besides this 200 copies of documents were supplied to Government agencies, research scholars and private persons. 160 scholars, who visited the Provincial Repository during the year under report were provided with all facilities of research.

### **Publications**

Under the scheme of free exchange of archive's publications, five sets of index volumes were supplied to all archives offices in India. Two index volumes of Political Department records are under print. 600 files have been indexed and 1,500 clues have been prepared.

### **Mending Section**

During the year under report the Mending Units of the Provincial Repositories have repaired 3,000 pages and bounded 2,000 books and lists. Besides this 300 files were docketed and 40 maps were repaired.

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## MEDICAL AND JAILS DEPARTMENT

### *Introduction*

### **Administration**

The charge of the Department remained with Dr. Fazl Rahman, as Director Health Services during the year under report. Kaviraj Bholanath continued to remain in charge of Ayurvedic and Unani systems of medicines

### **Budget**

The Budget of the State Medical Department rose to Rs. 128.00 lakhs for the year 1960-61 from Rs. 82.00 lakhs during the year 1959-60.

### **Central Hospitals**

In the Central Hospitals the bed strength was raised from 300 to 500 in the case of the Srinagar Hospital and 100 to 250 in the case of the Jammu Hospital. Modern equipment for all the sections of the hospitals was provided. The Operation Theatres, Gynaecological Sections, Eye and ENT Sections of the hospitals were also equipped adequately. Arrangements for hot water during winter and cold water coolers have also been provided in Jammu Hospital and the theatres have been air-conditioned. In the Central Hospital Srinagar a central heating plant has been functioning for the last over three years. Additional services of surgeons, physicians and other doctors have also been made available in both the Hospitals.

### **District Hospital**

District dispensaries have been converted into full-fledged hospitals with 30 beds each. New buildings were put up in Kathua, Udhampur, Rajouri, Anantnag, Baramulla and Ladakh. In the District hospitals, Anti-Rabic treatment has also been made available. X-Ray, Dental Sections and Laboratory facilities have also been provided in addition to Medical, Surgical and Gynae treatment already available in the District hospitals.

### **Primary Health Centres**

On the public health side one Sanitary Inspector, a couple of Vaccinators, four Field Workers in each Tehsil work under the immediate control of the Civil Surgeon who functions as District Public Health Officer also. At present there are 35 Primary Health Centres. 10 centres of Kashmir Province have been provided with X-Ray, Dental and Laboratory facilities while the remaining 23 are of the Central Government pattern. UNICEF has sanctioned aid for five centres in Kashmir and five centres



in Jammu. This includes motor transport, midwifery kits, drugs, instruments, hospital accessories, laboratory and dental equipment etc.

### **Primary Health Units**

There are 14 Primary Health Units provided with only one doctor per unit for the present in the State. Some of the Primary Health Units have been converted to Primary Health Centres.

### **Tuberculosis**

Adequate attention has been paid to the expansion and improvement of Tuberculosis hospitals and Sanatoriums during the year. The bed strength of the T. B. Hospital at Srinagar has been raised from 150 to 190 and in the Jammu C. D. Hospital it has been raised from 50 to 130. Three T. B. Clinics are in existence in Kashmir Province and two T. B. Clinics in Jammu Province. These clinics are provided with X-Ray and laboratory facilities. Each clinic is given an assistance of Rs. 50,000 in the shape of X-Ray and Laboratory equipment by the Central Government.

Domiciliary treatment has also been organised by the Department for T. B. patients both in Jammu and in Kashmir. For rehabilitation of T. B. patients, occupational therapists are provided and rehabilitation centres are also organised.

### **Public Health**

On the public health side a nucleus organisation has been set up with the Civil Surgeon as the Public Health Officer of the District and the Deputy Director as Public Health Officer of the Province. At present two Epidemiologists control the vaccination staff under the immediate charge of the Deputy Directors of Health Services. There are two Epidemic Departments one in Kashmir and the other in Jammu which are looking after small pox vaccination work and are also running organisations, such as Anti-Typhus Organisation in Kashmir and Malaria Eradication Programme in Jammu. The BCG and Anti-Venereal Disease Organisations are also a part of the public health activities of the Department.

Smallpox Eradication Programme has been launched in this State during the year 1960-61. To begin with the Pilot Project Survey Schemes has been started in districts of Srinagar and Anantnag.

### **B. C. G. Organisation**

The B. C. G. Organisation functions for the prevention of Tuberculosis in the State.

The Malaria Organisation has now been converted into an eradication programme on the Central pattern. One more Unit has started functioning with effect from July, 1960. The Central Government has already provided motor transport, equipment and other essential commodities for this Organisation. A proper surveillance programme is being worked out to guard against growth of mosquitoes.



Typhus has completely been eradicated from the Province of Kashmir where it took a heavy toll of human life previously. There are only stray cases now which are being controlled by the State Epidemic Department under whose auspices the Anti-Typhus Organisation is functioning. Six centres are functioning in Kashmir.

### **Family Planning Centre**

There are 9 Family Planning Centres functioning in the two Central Hospitals and 7 District Hospitals. In the Family Planning Centres, advice and treatment is provided for parents who want to check the expansion of their families. One more Family Planning Centre has been established in the city of Srinagar with the Central assistance at Rattan Rani Hospital, Srinagar. A Family Planning Board has also been constituted under the chairmanship of the Health Minister.

### **Medical College**

There were 66 students in the 2nd Year M.B.B.S. class on the rolls of the Medical College and 112 in first year M.B.B.S. class during the year under review. A new building is being put up for the Medical College within the premises of SMHS Hospital. At present the College is located in the Old Hospital building which has been reconditioned at a cost of nearly Rs. 5 to 6 lakhs.

### **Trainees**

For ancillary medical personnel there are two training centres attached to the Central Hospital where Compounders, Nurses, Midwives, Dental, Laboratory and X-ray technicians, Sanitary Inspectors and Nursing Orderlies etc. are trained. In the two centres there is a capacity of 40 Compounders, 40 Nurses, 24 Laboratory and X-Ray and Dental Technicians, 20 Sanitary Inspectors, 20 Midwives and 30 Nursing Orderlies who are trained annually in these institutions. To provide an incentive, stipends at the rate of Rs. 30/- per candidate are given to male candidates and Rs. 50 to women candidates for training in Nursing Courses.

### **Health Visitors Training School**

For Primary Health Centres, Family Planning Clinics, MCH and Maternity Centres, the services of Lady Health Visitors are very badly needed. A Lady Health Visitors Training School is functioning in Srinagar with a seating capacity of 10 to 15 candidates per year.

### **Isolation Hospitals**

Two Isolation Hospitals, one at Srinagar and the other at Jammu have been established during the 2nd Five Year Plan. The Isolation Hospital at Srinagar has been fully equipped and improved and additional bed strength has also been provided. In Jammu Isolation Hospital accommodation has been provided for 20 beds to begin with. Arrangements for putting up a new building are already afoot for this Hospital.

### **Mental Hospital**

A 50 bedded Mental Hospital provided with all known facilities for treatment of mental patients and adequate accommodation, diet etc. for in-patients has been established in Srinagar. A Psychiatric Section has been opened in Hospital.



## Nursing Home

Special wards in Srinagar Hospital have been closed as these were of constant trouble and disturbance to the Hospital. Separate Nursing Home with an ultimate bed strength of 25 has been created in Srinagar at a cost of Rs. 0.70 lakhs. This Nursing Home has been provided with all facilities in the shape of X-Ray, Medical and Surgical treatment and a patient has to choose his own physician or surgeon for his treatment.

## Indigenous System of Medicines

Side by side with the expansion in the Allopathic and modern scientific system, the indigenous system of Ayurvedic and Unani systems received considerable impetus during the year under reference. The number of Ayurvedic and Unani dispensaries stood at 215. A separate Ayurvedic College is being established in Jammu and a separate Unani College in Kashmir. Dawasazes are now properly trained, and a board of examiners examines them after holding proper qualifying test. 12 Amchies are at present working in the District of Ladakh who are in receipt of a subsidy of Rs. 600 per annum and a drugs grant of Rs. 300 per annum.

## Per Capita Expenditure

The *per capita* expenditure on health now stand at Rs. 3.80 P. in the State.

### S. M. G. S. HOSPITAL, JAMMU

## Outdoor Department

During the year under report 1,47,848 new and old patients were treated in the outdoor department of the Hospital as against 1,40,675 of the previous year.

## Indoor Department

9,444 patients were treated in the indoor department of the Hospital during the year under review as against 8,300 of the previous year. The bed strength also rose from 250 to 300.

The indoor patients were disposed off during the year as under :

	(1959-60)	(1960-61)
1 Cured .. .. .	6,185	7,099
2 Relieved .. .. .	995	1,104
3 Discharged otherwise .. .. .	612	687
4 Died .. .. .	233	192
5 Remained under treatment at the end of the year.	275	362
Total ..	8,300	9,444



**Central Laboratory**

During the year under report, 42,941 examinations were conducted in the Central Laboratory against 31,225 of the previous year as per details given below :

S. No.	Nature of Tests	(1959-60)	(1960-61)
1	Urine examinations .. ..	6,224	7,524
2	Examination of Blood .. ..	15,768	27,704
3	Stools examination .. ..	2,470	3,953
4	Sputum examination .. ..	119	345
5	Misc. Tests .. ..	3,654	3,415
	Total ..	31,225	42,941

**Food and Water Analysis**

1	Milk, Ghee and Butter .. ..	44	318
2	Phenyle Analysis .. ..	1	..
3	Water Analysis .. ..	95	243
4	Misc. Analysis .. ..	50	401
	Total ..	190	962

**Surgical Work done**

1	Major operations performed .. ..	1,882	2,079
2	Minor operations performed .. ..	5,076	7,364
	Total ..	6,958	9,443

**X-Ray Work done**

The diagnostic work done by means of skiagram and screening in the X-Ray Unit of the Hospital was as under :

(1959-60)

(1960-61)

7,982

9,106

In addition to this, the following processes were also undertaken in the X-Ray Unit of the Hospital :



(1959-60) (1960-61)

1	Ultra Violet and Infra Red	..	..	28	19
2	Cardiograms	..	..	30	..
3	Inductothermy	..	..	1,647	3,491
4	Galvanic Faradic current..	..	..	..	362
Total				1,705	3,872

### Anti-Rabic Section

The work done in the Anti-Rabic Treatment Centre of this Hospital is given as under :

1	Dog bite cases	..	..	726	913
2	Jackal bite cases treatment	..	..	66	12
3	Other cases of bite viz. Monkey bite, Horse bite, Cow bite, Neola bite, Buffalo bite	..	..	41	46
Total				833	971

The following table gives the detail of work done in the Blood Bank Section of this Hospital :

1	Blood transfusion given	..	..	209	309
2	Blood grouping done	..	..	479	621
3	Direct matching done	..	..	479	621
4	Number of blood donors	..	..	205	309
5	Total quantity of blood taken and given	..	..	90,830 cc	1,35,465 cc

### Psychological Work done

During the year under report 2,787 new and old patients attended the outdoor and 136 the indoor departments in the Psychiatrist Section of the Hospital, as against 2,563 and 97 respectively of the previous year.

### Family Planning Centre

(1959-60) (1960-61)

1	Sterlization cases	..	..	44	52
2	Vasectomy done	..	..	79	93
3	Total patients treated and given instructions in family planning	..	..	847	396



## S. M. H. S. HOSPITAL, SRINAGAR

Work done in the Hospital during the year under report is as under :

**Family Planning Work done**

## 1. (Female Section) :

(a) No. of persons who have taken advice from the clinic ..	3,542
(b) No. of contraceptives given .. .. .	2,581

## 2. (Male Section) :

(a) No. of persons attested ..	2,351
(b) No. of contraceptives given .. .. .	153

No. of sterilization operations performed in female cases during the year under report .. .. .	455
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No. of Vasectomy operations done in selected cases during year under report .. .. .	131
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Total ..	586
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The in-patients were disposed off in the following manner :

(a) Cured .. .. .	12,738
(b) Relieved .. .. .	2,508
(c) Discharged .. .. .	617
(d) Died .. .. .	442
(e) Remained under treatment .. .. .	497

Total ..	16,802
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**Casualty Department**

The Casualty Department remains open all the 24 hours with one Medical Officer always available to render services to those who attend it due to emergency.

**Out-Patient Department**

The total number of new and old patients treated during the year under report were 3,40,236 against 3,25,330 of the previous year.



**Surgical Work**

				Major	Minor	Total
Outdoor	..	..	..	..	2,000	2,000
Indoor	..	..	..	1,176	410	1,586
		Total	..	1,176	2,410	3,586

**E. N. T. Department**

The total number of patients treated in the outdoor department during the year was 37,896. Out of these 1,116 were treated in the indoor.

Operations were performed as under :

				Major	Minor	Total
Outdoor	..	..	..	..	..	..
Indoor	..	..	..	1,066	35	1,101

**Ophthalmic Department**

Outdoor patients treated	..	..	..	..	30,784
Indoor patients treated	..	..	..	..	916
				Major	Minor
Outdoor operations performed	..	..	..	123	3,224
Indoor operations performed	..	..	..	500	400
		Total	..	623	3,624

**Gynaecological and Maternity Work**

The total number of the cases that attended the outdoor were 25,654 against 21,917 of the last year. Out of these 6,194 were treated in the indoor.

The total number of operations performed was 4,038 against 3,170 of the previous year. Out of these 1,696 were major 2,342 and minor against 1,305 and 1,865 respectively of the last year.



**X-Ray Department**

The following is the table of work done in the X-Ray Department during the year under report.

1	Skiagrams taken	..	..	..	4,376
2	Screening done	..	..	..	11,422
3	I/R Pyclography done	..	..	..	148
4	I/R Roral choly stography done	..	..	..	298
5	Robrograde Phyclography done	..	..	..	13
6	Besterio sulpingraphy done	..	..	..	2
7	Branch Ography	..	..	..	3
8	Myclography done	..	..	..	4
9	Artography done	..	..	..	1
10	Cyctography done	..	..	..	7
11	Sailography done	..	..	..	1
12	Venography done	..	..	..	1
13	Superficial exposures given	..	..	..	443
14	Deep therapy exposure given	..	..	..	1,399
15	Electrocaordiograms taken	..	..	..	638
16	Diathermy exposures given	..	..	..	1,664
17	Intraviolet exposures given	..	..	..	754
18	Galvanic Farradic exposures given..	..	..	..	251

**Dental Department**

16,738 patients were treated and 6,472 extractions made in the Dental Department during the year under report against 15,494 patients and 5,842 of the previous year.

**Anti-Rabic Centre**

The cases treated in the Centre are as under :

1	Dog bite	..	..	..	931
2	Jackal bites	..	..	..	45
Total					976



**Laboratory**

The total number of tests conducted in the Laboratory during the year were 60,707.

The Hospital is becoming a teaching institute and Professors and Associate Professors are being recruited.

Drugs worth Rs. 8,46,108.74 were utilized in this Hospital during the year under report.

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**C. D. HOSPITAL, JAMMU**

The work done by the X-Ray Section of this Hospital is given below:

			1958-59	1959-60	1960-61
1	Screenings .. ..		3,551	3,780	4,571
2	Skiagram full size .. ..		591	680	788
3	Minature skiagrams .. ..		198	642	842

Further details of the work done by the X-Ray Section of this Hospital is as under :

			1958-59	1959-60	1960-61
1	Sputum .. ..		1,663	1,814	..
2	Blood .. ..		1,811	1,500	..
3	Urine .. ..		277	211	..
4	Stools .. ..		33	201	..
5	C. S. E. .. ..		8	3	..
6	L. Swaps .. ..		20	53	..
7	Pleural fluids .. ..		11	24	..
8	Blood P & T, L. C., D. L. C. .. ..		..	193	..
9	Blood for B. B. & R. B. C. .. ..		..	34	..
10	Blood for M. P. .. ..		..	4	..
11	Blood for B. T. C. .. ..		..	4	..

218 domicillary cases were treated by the staff during the year.



The figures given below indicate the work done in this hospital during the year under report :—

	1958-59	1959-60	1960-61
1 Total number of cases admitted in the C. D. Hospital, Jammu ..	422	298	337
2 Total number of cases admitted in the Sanatorium Batote ..	121	133	180
3 Total number of deaths in C.D. Hospital, Jammu .. ..	25	24	32
4 Death percentage .. ..	5.89	6.03	9.5
5 Total number of deaths in the Sanatorium .. ..	3	1	..
6 Death percentage .. ..	2.42	0.75	..
7 Total number of new and old RI Tuberculosis cases, C. D. Hospital, Jammu .. ..	18,130	13,259	23,356
8 Deaths amongst city cases .. ..	15	13	20
9 Death percentage .. ..	3.8	2.79	2.5
10 New and old cases Pul. Tuberculosis T. B. Clinic, Poonch .. ..	..	..	3,638
11 Deaths T. B. Clinic, Poonch .. ..	..	..	20

135 cases were registered in the T. B. Clinic Poonch during the year 1960-61.

### C. D. HOSPITAL, SRINAGAR

The bed strength for the year under report was 190 (both male and female). 740 cases were admitted for treatment (the average stay of an indoor patient in this Hospital was 57.06 days viz. less than last year's average of 81.05 days). 16 cases out of 740 cases admitted were non-tubercular lung abscesses. 361 of P. T. cases were discharged out of which 65 deaths occurred. 38 cases were greatly improved, 35 cases of pleurisy and 43 cases of meningitis were also treated in the year under report. 2,462 operations, out of which 944 were of major nature were performed during the year.

### X-Ray Section of T. B. Department

13,295 skiagrams which include M. R. S. also and 1,345 screenings were done during the year. The analysis of the work done is as under :



X-Ray Pictures	M. R. Rools	M. R. Cart	M. R. 4"x5"	Total of 1+04	Screenings
4,215	6,818	1,860	402	13,295	1,345

### Laboratory Section, C. D. Hospital, Srinagar

31,982 laboratory tests were made during the year.

### Domicillary Unit, C. D. Hospital, Srinagar

At the close of the last year 131 cases were under treatment, 78 new cases were also treated during the year under report. 12 cases were admitted in the Hospital and 19 deaths occurred under the treatment of the Unit. The Unit made 7,744 home visits during the year. 526 tuberculin tests were conducted by the Unit out of which 370 cases were found positive, 93 negative and the rest did not turn up for reading the result of the tests.

### General Outdoor, C. D. Hospital, Srinagar

44,272 cases, out of which 19,773 cases were old, were attended to during the year under report.

### T. B. Clinic, C. D. Hospital, Srinagar

In this section, 26,517 old patients and 2,353 new cases were attended to for the treatment, periodic check up and establishment of the diagnosis. Out of newly registered cases, 1,441 cases were from urban and the rest from rural areas. 1,424 cases were male and 931 female.

### City Clinic, Watal Kadal

The number of registered cases in the clinic for the year under report was 1,000. Examination of children below five years has also been undertaken this year by this clinic. 146 children have been examined out of which 250 cases were found positive, 1,204 negative and the rest did not turn up for reading the result. 10,816 patients of allied diseases were attended to for treatment in the outdoor unit.

### Sopore Clinic

This clinic started functioning from March, 1960. During the year under report, 613 registered cases have been treated for tuberculosis. 5,408 cases of allied diseases were also treated and 878 laboratory tests were done during the year.

### Government Sanatorium, Tangmarg

913 inpatients and 6,512 outpatients were tested during the year. 275 operations of major and minor nature were performed at the sanatorium during the year under report. 917 laboratory tests were also done during the year as per detail given under :

1 Sputum Examination	..	..	..	..	258
2 Urine Examination	..	..	..	..	178



3	Blood Examination .. .. .	460
4	Stool Examination .. .. .	21

### CHEMICAL LABORATORY, JAMMU

The total number of cases examined during the year was 1,570—  
531 examinations in connection with 213 medico-legal cases,  
873 of general and food analysis, 363 examinations of  
pathological specimens were conducted.

#### Cases of Suspected Human Poisoning

Out of 213 medico-legal cases, 158 were alleged to be those of human poisoning. Out of these 73 cases were fatal.

#### Cases of Suspected Staining with Blood and Semen

125 articles were received for the presence of blood out of these no blood was found in 3 articles. In 3 articles blood only was to be detected. 106 articles were referred to the Serologist of India for the determination of their origin.

33 articles were examined for semen out of which spermatozoa were found in 14 articles.

#### General and Food Analysis

676 examinations were conducted in connection with 676 specimens received for analysis.

#### Examination of Pathological Specimens

363 examinations were carried out in connection with 192 specimens, received from the Hospital, Government Servants and outdoor cases.

### KASHMIR NURSING HOME, SRINAGAR

#### Patients Room

There were only ten rooms available for indoor patients. Rs. 370 were received as room charges from the patients during the year under report.

#### Dispensary

The number of the outdoor patients treated during the year under report was 6,496 (new cases) and 7,172 (old cases).



**General**

The total number of indoor patients was 87. Total number of operations performed during the year under report is :

Major .. .. .	17
Minor .. .. .	56
Total .. .. .	<u>73</u>

**LADY HEALTH VISITORS TRAINING SCHOOL,  
SRINAGAR**

There are 27 candidates undergoing the training in both the classes *i. e.* the 1st and 2nd year courses.

During the previous year only fifteen candidates joined the class and out of these two left and did not join the school. This year only 14 candidates against 19 seats joined. The final examination was held in the first week of October, 1961 and four students appeared in this examination.

**GOVERNMENT MEDICAL COLLEGE, SRINAGAR**

113 students were admitted to the college during the year under report. Out of these one student was transferred to Medical College Patiala. A loan of Rs. 66,954.00 was granted to 90 students (70 boys and 20 girls) of the college during the year under report. A post-Matric scholarship of Rs. 850 was granted to the students by the Central Government. In addition an amount of Rs. 3,488.81 was granted to 4 students on account of scholarship for scheduled castes and other backward classes by the State Government.

**B. C. G. ORGANISATION**

The Mass B. C. G. Vaccination Campaign in the J & K State was launched on 30th November, 1953, and completed its seventh year during the year under report.

**Equipment**

The Central B. C. G. Organisation and the UNICEF regularly supplied equipments, kits, statistical and publicity material, and tuberculine vaccine.

*Details showing the number of teaching institutes taken up  
for B. C. G. Vaccination during 1960-61*

Month	Colleges	High Schools	Middle Schools	Primary Schools
4/1960	.. ..	..	..	2
5/1960	.. ..	1	3	2
6/1960	.. ..	1	1	1



Month	Colleges	High Schools	Middle Schools	Primary Schools	
7/1960	..	..	..	..	
8/1960	..	1	2	10	6
9/1960	..	..	3	4	3
10/1960	..	..	4	5	3
11/1960	..	..	5	6	3
12/1960	..	..	4	1	3
1/1961	..	..	5	5	3
2/1961	..	..	3	6	3
3/1961	..	..	1	2	1
Total	..	1	29	44	30

The total number of teaching institutes taken up for B. C. G. Vaccination during 1960-61 was 104.

#### VENEREAL DISEASES DEPARTMENT

The Venereal Diseases Department was run by Dr. P. R. Prabhakar as Venereologist throughout the year under report.

The Central Unit laboratory and clinic are housed in a wing of the S. M. G. S. Hospital, Jammu. The Unit is fully equipped with modern equipments and accessories. Two Venereal Diseases Clinics and Laboratories are functioning in Udhampur and Reasi Hospitals.

Medical aid is given free to all.

#### Number of persons treated

	Jammu	Udhampur	Reasi	Total
Syphilis	.. 275	103	87	465
Gonorrhoea	.. 64	6	6	76
Chancroid	.. 4	1	2	7
Granuloma Venerum	.. ..	1	..	1
Lymphogranuloma-Inguinal	1	1	1	3
Others	.. 78	7	13	98
Total	.. 422	119	109	650



**Laboratory Work done**

	Jammu	Reasi	Udhampur	Total
S. T. S. ..	7,673	1,212	1,116	10,001
D. G. I. ..	39	2	40	81
Others Smears ..	236	16	40	292
Total ..	7,948	1,230	1,196	10,374

**SMALLPOX ERADICATION PROGRAMME**

The whole of the Srinagar District and Tehsil of Pulwama in the District of Anantnag having a population of 8,10,000 were covered by the scheme. The number of vaccinations conducted was 5,17,968 out of which 35,463 were primary and 4,82,505 were revaccinated.

**MUNICIPALITY JAMMU****General Review of the State of Public Health**

	1957-58	1958-59	1959-60	1960-61
Births ..	2,876	3,250	3,495	3,371
Birth Rate ..	44.23	49.98	46.6	43.77
Deaths ..	600	632	869	943
Death Rate ..	9.32	9.72	11.58	12.24
Normal-increase ..	2,270	2,618	2,626	2,428
Rate of increase of population per 1,000 population ..	34.91	40.26	35.01	31.53
Infant Mortality ..	37	38	117	95
Infant Mortality per 1,000 births ..	0.56	0.58	33.47	28.18
Maternity Deaths ..	5	5	9	15
Maternity Deaths per 1,000 births ..	0.07	0.07	2.57	4.44



**Deaths from Principal Diseases**

		1957-58	1958-59	1959-60	1960-61
Plague	..	Nil	Nil	Nil	Nil
Cholera	..	Nil	Nil	Nil	1
Smallpox	..	1	1	4	1
Diarrhoea and Dysentery	..	37	33	46	73
Pathasis (T. B. Lungs)	..	8	19	37	46
Measels	..	5	2	Nil	1
Pncumoxin	..	36	40	48	62
Respiratory Diseases	..	50	42	103	52
Fevers	..	168	166	186	224
T. B. Glands	..	Nil	1	Nil	Nil

**Births**

The total number of births were 3,371 with a birth rate of 43.77.

**Deaths**

The total number of deaths were 943 with a death rate of 12.24.  
The total deaths among different communities is given below :

Year		Hindu	Muslims	Christians	Total
1956-57	..	619	23	12	654
1957-58	..	568	22	16	605
1958-59	..	562	42	25	632
1959-60	..	806	42	24	869
1960-61	..	890	27	26	943

**MEDICAL-CUM-OPHTHALMIC UNIT**

The Unit as per programme worked during the year under report as below :

**Jammu Province****1. Jourian.**



**Kashmir Province**

- 1 Kokarnag.
- 2 Narnoon.
- 3 Diyas.
- 4 Aishmuqam.
- 5 Gund.
- 6 Bumai.
- 7 Khumbyal.
- 8 Chowkibal.
- 9 Ladhoo.
- 10 Behrampora.
- 11 Meigund.
- 12 Newa.
- 13 Sajagwara.

The volume of work can be assessed by the treatment of the out-patients as under :

1	Total number of outdoor patients treated	..	30,639
2	Total number of outdoor patients operated	..	1,019
3	Total number of indoor patients treated	..	100
4	Total number of indoor patients operated	..	98
5	Medical Cases	..	2

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**ISOLATION HOSPITAL, JAMMU**

Work done during the year under report is shown as under :

Dis ases		Total treated	Cured	Relieved	Discharged	Died	Remaining
1	Tetanus	.. 123	43	2	5	48	32
2	Distheria	.. 88	50	2	3	16	88
3	Hydrophobia	.. 1	..	..	..	1	1



Diseases		Total treated	Cured	Relieved	Discharged	Died	Remaining
4	Meningities ..	1	..	..	..	1	1
5	Diarrhoea ..	1	..	..	1	..	1
6	Dysentry ..	1	1	..	..	..	1
7	Smallpox ..	13	6	..	..	3	13
8	Chicken pox ..	5	4	..	..	..	5
9	Measels ..	11	8	..	1	..	11
10	Cholera ..	1	..	..	..	1	1
11	Whooping cough	1	..	1	..	..	1
Total ..		246	112	5	10	63	246

### EPIDEMIOLOGIST, JAMMU

Cholera epidemic occurred in Kashmir during the year under report and 2,650 cc of cholera vaccine were sent to the Administrator, Municipal Corporation Srinagar. Exterine preventive measures were taken against cholera in the Province by the Department. Cholera check posts were opened at Lakhanpur, the Aerodrome, Banihal and other places of importance including the city. Everybody was given anti-cholera vaccine. 28,330 cc of cholera vaccine were distributed among the check posts. In addition 60,000 cc of cholera vaccine were sent each to the Civil Surgeon Jammu, Civil Surgeon Doda, Civil Surgeon Rajouri, Civil Surgeon Udhampur and Civil Surgeon Kathua.

### Smallpox

Reports of the epidemic were received from various places of the Jammu Province. The Epidemiologist with the necessary staff and equipment went to visit the places and to arrest the spread of disease. The main places affected by the disease were some villages in Doda, Kishtwar, Bhaderwah, Rajouri, R. S. Pura and Marmat. Mass vaccination was conducted in these areas and the disease was brought under control.



## AYURVEDIC COLLEGE, JAMMU

A committee to suggest ways and means to start an Ayurvedic and Unani Tibbia College at Jammu was appointed by the Government under the chairmanship of Dr. Fazl Rahman, the Director Health Services. The staff and expenditure proposed by the committee was accepted by the Government within the limit of Rs. 5 lakhs for the first year.

Bakhshi Vishwa Nath Sobti was appointed as Adviser-cum-Principal of the College.

### DEPUTY DIRECTOR HEALTH SERVICES KASHMIR (INCLUDING CIVIL SURGEONS OF KASHMIR)

The work done during the year under report is as under :

		1959-60	1960-61
1. Indoor patients treated	.. ..	3,782	5,639
2. Outdoor patients treated	.. ..	22,40,313	24,21,829

An epidemic of cholera broke out in Srinagar in the month of November, 1960 and almost two-thirds of the Valley came within its grip. The Department was successful in eradicating it within less than 2 months. Mass inoculation in the Province was conducted. Far-flung areas including the frontier district were tackled.

Other important activities of the Civil Surgeons of the Province and other institutions are :

#### Leper Hospital

The total sanctioned bed strength of this Hospital is 100 but the number of inmates varies from 150 to 160.

#### Mental Hospital

There is one outdoor running in the Mental Hospital at present. The number of outdoor patients is increasing.

The following table will show the work done at Civil Surgeons' Offices in Anantnag, Baramulla, Srinagar and Leh.

#### Total number of outdoor cases

1. Anantnag	.. ..	9,47,806
2. Baramulla	.. ..	6,29,630
3. Srinagar	.. ..	8,24,724
4. Leh	.. ..	25,308

Total	24,27,468
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The total number of indoor patients treated in the Unani and Ayurvedic dispensaries in these areas was as per details given below :—

1 Cured	..	...	..	..	4,497
2 Relieved	..	...	..	..	413
3 Discharged	..	...	..	...	422
4 Died	..	...	...	..	121
5 Remaining	..	...	...	..	186

### Surgical

Minor	..	...	...	...	41,771
Major	..	...	...	...	757

### Work done in the Laboratory

Particulars	District Anantnag	District Baramulla	District Srinagar	District Leh
1 Urine Examination ..	2,043	1,223	1,142	48
2 R. B. C. & W. B. C. Blood (B. B.) ..	1,129	581	433	20
3 Blood for Khen's test ..	132	3	126	11
4 Blood for Eathrocyte Count ..	672	506	..	70
5 Blood for Malaria per- sions ..	419	29	..	..
6 Blood for Bleeding time ..	66	56	15	..
7 Blood for Cagulation time ..	67	56	15	..
8 Blood for Spirs Character.	412	..	..	..
9 Carto-spinal fluid ..	17	117	16	7
10 Sputum Examination ..	25	28	68	31
11 Smerus for Anthrax bath ..	7	..	..	3
12 Nasal Scarpping for Irepia bath ..	21	..	101	..
13 Flamel fluids for examina- tion ..	2	12	..	..
14 Urethral smears for gonoiars ..	5	10	4	4
15 Semenail fluids for exami- nation ..	3	..	..	..
16 Throat swales for dip- theria ..	2	5	..	..
17 Differential Count ..	132	..	..	..



## Work done in Aided Hospitals

Particulars		Rattan Rani Hospital	Mission Hospital Rainawari	National Hospital	John Bishop Anantnag	St. Joseph's Hospital
1	Total number of inpatients.	2,071	1,236	473	626	1,469
2	Number of beds ..	60	60	40	30	45
3	Major Operations ..	553	387	318	332	140
4	Minor Operations ..	11,027	..	18,045	55	98
5	Deliveries ..	360	127	66	254	85
6	Cesarian Section ..	33	79	..	..	44
7	Tonsellectoms ..	67	..	..	..	..
8	Eye Operations ..	..	..	25	..	..
9	Sterilisation ..	110	1	..	..	..
10	V. V. F. Operations ..	13	33	..	..	3
11	Medical cases treated in-door ..	611	..	..	..	..
12	Laboratory tests ..	5,143	..	..	..	..
13	X-Ray Skiagram Screening	170	..	..	..	..
14	Electro Therapies ..	468	..	..	..	..
15	Eye cases treated ..	2,468	..	308	..	..
16	Deaths ..	4	..	5	14	44
17	Discharged ..	2,069	1,236	467	612	1,425
18	Average daily outpatients..	26.09	20.00	26.20	73	83.02
19	Average daily indoor patients ..	5.06	3.32	20	1.72	4.01
20	New patients ..	22,023	8,821	9,957	16,932	31,864
21	Return visits ..	75,326	15,325	8,461	6,000	17,373
22	Patients seen in Villages ..	..	..	..	..	..
23	Antinatal cases ..	..	..	..	..	..
24	Total outdoor patients ..	19,952	7,485	9,584	15,306	30,395



**X-Ray Work**

Particulars	Anantnag	Baramulla	Srinagar	Leh
1 Skiagrams taken ..	247	7	102	3
2 Screening done ..	3,211	437	809	5
3 S. M. D. Caps given ..	2,624	..	..	..
4 Ultravoilet Expices given ..	1,323	..	..	..
5 Era from Red Expices given ..	28	..	..	..
6 Distherapy ..	..	831	..	..

**Work done in Mental Hospital**

Sanctioned Accommodation	No. of Mental patients	Admission during 1960-61	Discharged
1	2	3	4
50	48	338	..
Cured	Died	Relieved	Remaining under treatment
5	6	7	8
243	3	74	66

**Work done in Leper Hospital**

No. of patients on 1-4-1960	Indoor cases admitted	No. of Lepers discharged	Deaths	Escape
149	42	24	4	Nil

**Vaccination Work**

No. of persons vaccinated	Anantnag	Baramulla	Srinagar	Leh
Male ..	28,289	49,626	27,620	4,853
Female ..	18,689	15,997	23,025	3,694

**Revaccination Work**

Male ..	19,141	29,551	13,417	1,284
Female ..	12,920	14,213	14,519	682
Successful ..	25,356	24,517	15,803	1,700
Unknown ..	2,859	8,809	8,737	62



DEPUTY DIRECTOR OF HEALTH SERVICES, JAMMU (WITH  
ALL THE CIVIL SURGEONS OF THE JAMMU PROVINCE)

CIVIL SURGEON, JAMMU

The charge of the District remained with Dr. D. R. Oswal. The number of Allopathic dispensaries increased from 17 to 20 by converting three Ayurvedic dispensaries into Allopathic.

**Epidemics**

A few sporadic cases of Smallpox occurred in Akhnoor and R. S. Pura Tehsils. Mass vaccination of contact were conducted in the concerned villages of Akhnoor and R. S. Pora.

**Outdoor Patients**

2,54,669 outdoor patients were treated in Allopathic dispensaries and 2,90,223 in Unani and Ayurvedic dispensaries against 2,33,567 and 2,39,090 respectively of the previous year.

**Indoor Patients**

The total admission of indoor patients during the year under report was 738. Daily average patients remained 2.02 as compared to 2.24 of the previous year.

Post-Mortem conducted at Jammu	..	69
Medico-legal injuries cases examined	..	15

**Work done**

1	Total number of patients treated outdoor	..	53,926
2	Previous cases	..	5
3	New cases	..	733
4	Total treated	..	738
5	Cured	..	596
6	Relieved	..	67
7	Discharged otherwise	..	55
8	Died	..	17
9	Under treatment	..	3
10	Total number of patients both indoor and outdoor	..	2,54,664

**Work done in Unani and Ayurvedic Dispensaries**

Name of the dispensaires		Total cases	Operations
1	Unani Jammu	.. 20,434	31
2	Ayurvedic Jammu	.. 16,684	..
3	Bakshinagar Jammu	.. 8,883	..
4	Smailpur	.. 10,446	55



Name of the dispensaries		Total cases	Operations
5	Puranikali	.. 4,567	..
6	Birpur	.. 7,798	97
7	Ramgarh	.. 20,155	..
8	Sumb	.. 5,813	..
9	Ghe-Braimus	.. 10,290	..
10	Bain-Bajalta	.. 3,631	..
11	Sunjiwan	.. 7,648	..
12	Kiathar	.. 6,590	117
13	Jinderah	.. 9,771	82
14	Nagrota	.. 8,998	48
15	Domana	.. 20,543	..
16	Gho Manasan	.. 14,300	..
17	Shama Chak	.. 10,646	..
18	Kotbalwak	.. 5,741	..
19	Raipur	.. 1,898	..
20	Aghere	.. 3,944	68
21	Salaid	.. 8,643	..
22	Khori	.. 8,848	..
23	Chokrahi	.. 7,335	..
24	Chowki Chowra	.. 6,105	..
25	Pallanwalla	.. 12,261	..
26	Bamirpur	.. 8,977	..
27	Klora	.. 4,176	..
28	Pargwal	.. 4,105	7

## CIVIL SURGEON, BATOTE

Total patients treated outdoor	..	..	.. 2,74,713
Cured	..	..	.. 605



**Operations**

Major	..	..	..	..	107
Minor	..	..	..	..	4,072
Total					<u>4,179</u>

**Doda District**

Outdoor patients treated	..	..	..	2,74,713
Indoor patients treated	..	..	..	605
No. of Post-Mortems	..	..	..	19
No. of Serious hurts	..	..	..	10
No. of simple hurts	..	..	..	105
Others	..	..	..	20

**Dental Work done**

Tooth extraction	..	..	..	1,195
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**X-Ray done**

(a) Screening	..	..	..	186
(b) Skiagrams	..	..	..	77
(c) Slathorium exposed	..	..	..	31

**Operations**

Major	..	..	..	..	126
Minor	..	..	..	..	361

**Vaccinations**

Male	..	..	..	..	8,153
Female	..	..	..	..	6,122

**CIVIL SURGEON, RAJOURI**

During the year the dispensary at Nowshera was raised to the status of Primary Health Centre and resultant dispensary shifted to Lamberi. One Family Planning Centre was started in District Hospital, Rajouri. Two new Allopathic dispensaries were opened at Loran and Thannamandi.



**Epidemics**

No epidemic occurred during the year 1960-61.

**Hospitals and Dispensaries**

A total number of 2,25,293 outdoor patients (new and old) attended in the Allopathic and, Ayurvedic Unani Dispensaries during the year under report.

		1959-60	1960-61
<b>Medico-legal work</b>			
Post-Mortems .. .. .	..	40	32
Grievous and Simple hurts and others ..	..	209	234

**Disposal of Indoor patients ..**

Cured .. .. .	..	1,105
Relieved .. .. .	..	355
Discharged .. .. .	..	154
Died ... .. .	..	45
Remaining .. .. .	..	54

**Vaccinations**

1959-60 .. .. .	..	89,173
1960-61 .. .. .	..	29,383

**Ayurvedic and Unani Dispensaries**

		1959-60	1960-61
Outdoor patients .. .. .	..	64,964	70,451

**Anti-Rabic Work done**

11 Anti-Rabic cases were treated during the year under report in Anti-Rabic Centre Poonch.

**Dental Work done**

7,588 dental cases were treated during the year 1960-61 in this District. The post of Dental Surgeon remained vacant up to end of March, 1961.

**Laboratory Work**

Total cases treated .. .. .	..	2,687
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**X-Ray Section**

Total cases treated .. .. .	..	927
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**Female Section in District Hospital, Rajouri**

246 normal and 2 abnormal labour cases were conducted in Rajouri Poonch Hospitals during the year under report.

**CIVIL SURGEON, UDHAMPUR**

4 Ayurvedic and 2 Unani Dispensaries were sanctioned and started during the year under report.

**Family Planning Centre**

A Family Planning Centre was established in the District Hospital. medicines and other contraceptives were supplied. The sterilization work done during 1960-61 was as under :—

Male	..	..	..	..	28
Female	..	..	..	..	7
Total					<u>35</u>

**Epidemics**

There was no epidemic in the District during the year under report. As a precautionary measure 1,000 prophylactic cholera inoculations were performed. Smallpox cases were reported in sporadic form with 14 deaths during the year in the District. 53,390 primary and re-vaccinations were conducted.

**Laboratory**

1	Urine Examination	..	..	..	721
2	Stone Examination	..	..	..	270
3	Sputum Examination	..	..	..	88
4	Nasal Smear Examination	..	..	..	11
5	Throat Swab Examination	..	..	..	20
6	Eye Smear Examination	..	..	..	22
7	Semen Form Examination	..	..	..	2
8	Cerical Smear	..	..	..	1
9	Vaginal Smear	..	..	..	5
10	Cerebraspinal Fluid Examination	..	..	..	5
11	Blood Grouping	..	..	..	14
12	Widal's Test	..	..	..	4



13	Blood Sugar Examination	..	..	9
14	Platelet Count	..	..	2
15	Malarial Parasite Examination	..	..	132
16	Erthouyti Sedimentation Rate	..	..	105
17	Total Lencocyte Count	..	..	772
18	Differential Lencocyte Count	..	..	777
19	Haemoglobin Value	..	..	518
20	Total Erticyte Count	..	..	505
21	Milk Analysis	..	..	362
22	Bleeding Time Coagulating Time	..	..	12

#### Work done in Allopathic Dispensaries

A.	Cholera	..	..	Nil
B.	Dysentry—			
	Total number of outdoor cases	..	..	7,055
	Total number of indoor cases	..	..	22
	Cured	..	..	16
	Relieved	..	..	5
	Discharged	..	..	1
	Died	..	..	Nil
	Under treatment	..	..	Nil
C.	Betric fever—			
	Total outdoor	..	..	651
	Total indoor	..	..	41
	Cured	..	..	40
	Relieved	..	..	1
D.	Genorripoes—			
	Total outdoor	..	..	302
	Cured indoor	..	..	1



## E. Malaria—

Outdoor	..	010	010	..	7,526
Indoor	..	..	..	..	30
Cured	..	..	..	..	34
Relieved	..	..	..	..	4

## F. Pneumonia—

Outdoor	..	..	..	..	1,460
Indoor	..	..	..	..	32
Cured	..	..	..	..	28
Relieved	..	..	..	..	3
Discharged	..	..	..	..	1

## G. Pyreia—

Outdoor	..	..	..	..	6,938
Indoor	..	..	..	..	37
Cured	..	..	..	..	30
Relieved	..	..	..	..	4
Discharged	..	..	..	..	3

## H. Rheumatid—

Outdoor	..	010	010	..	5,465
Indoor	010	010	010	..	37
Cured	010	010	010	..	31
Relieved	010	010	010	..	4
Discharged	..	010	..	..	2

## I. Syphilis—

Outdoor	010	..	..	..	221
Indoor	..	..	..	..	5
Cured	..	010	..	..	3
Relieved	010	..	..	..	2



**Operational Work**

Major	..	..	..	..	..	115
Minor	..	..	..	..	..	3,054

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**JAILS****Special Jail, Jammu**

The charge of the Jail was held by S. Boota Singh.

**Admission**

No admission was made during the year under report.

**General Health of Prisons**

Almost all the prisoners maintained normal health and every possible care was taken to avoid infectious diseases.

**Sanitation**

The sanitation of this jail remained satisfactory throughout the year. There was no indoor patient during the year under report.

**Sub-Jail, Poonch**

Dr. M. N. Rambal was the Superintendent during the year under report.

There were 21 Jail inmates at the beginning of the year. Of these 4 were undertrials and 17 were convicts.

**Admission and Disposal of Prisoners**

Admission :	Male convicts	..	88
	Male undertrials	..	58
	Female undertrials	..	4

**Disposal**

1	Transferred to Central Jail, Jammu	..	4 convicts.
2	Released	..	36 „
3	Released on bail	..	14 „
4	Acquitted by the Court	..	12 „



1 Sentenced	..	4	undertrials.
2 Released on bail	..	32	"
3 Discharged	..	2	"
4 Handed over to Police	..	12	"
5 Acquitted by the Court	..	4	"

### Health of the Prisoners

Generally the health of the prisoners remained quite satisfactory during the year. No death or any serious case occurred during the year.

### Conduct of the Prisoners

There were some dangerous prisoners in the Jail during the year but the conduct of the remaining prisoners was quite satisfactory.

### Sub-Jail, Kishtwar

The total number of the prisoners of all kinds, new and old, admitted in the Sub-Jail, Kishtwar during the year under report was 27.

1 Remaining from the last year	..	..	1
2 Newly admitted	..	..	27

The total expenditure incurred on Jail and Prisoners was Rs. 12,004.25.

The conduct of the prisoners remained satisfactory throughout the year.

### Sub-Jail, Kathua

Simple Male	..	25	Rigorous Male	..	11
Female	..	10	Female	..	Nil
Salitary cases	..	Nil			
In default of fine Male	..	1	Detenue Male	..	1

### Details of Lunatics

	Prisoner	Undertrials
Under 15 years age	..	4 Nil
Literate	..	2 7
Illiterate	..	45 71



## Sub-Jail, Bhaderwah

51 prisoners were admitted to the Jail during the year under report.

## Income of the Jail

From vegetable garden .. Rs. 27.73



**LABOUR DEPARTMENT****Administration**

Shri Ghulam Hassan continued to hold the charge of Labour Commissioner during the year under review.

**General**

The main activities of the Department during the year under report were the proper implementation and enforcement of labour laws and rules for the benefit of the working class and to create a climate for healthy, peaceful and cordial relations between the employers and the employees.

**Income and Expenditure**

The budget of the Department for the year 1960-61 was Rs. 1,47,200 and the corresponding expenditure was Rs. 1,07,338.

**Administration of Labour Laws**

The Department administered the following labour laws during the year under review :—

1. *Trade Unions Act.*

The number of Trade Unions registered during the year was 4 with a total membership of 13,014.

2. *Industrial Employment (Standing Orders Act 1960).*3. *Workmen's Compensation Act.*4. *Factories Act, 1957.*

The total number of accidents in factories were reported as 9 out of which one was fatal.

5. *Industrial Disputes Act, 1947.*

The Act was amended during the year under report and the definition of the workman was enlarged to cover supervisory personnel whose emoluments do not exceed Rs. 500 P. M. and also the technical personnel.

**Complaints Received**

1960-61

Cause	No. of complaints
1 Wages and Bonus	2
2 Employment and Retrenchment	4
3 Working conditions, hours of work	3
4 Personal	4
5 Others	..
6 Cause not known	..
Total	13



The employer-employee relations remained on the whole cordial and there were no major strikes. There were minor strikes lasting a day or so which were called off as a result of conciliation effected by the Conciliation Officers.

#### 6. *Trade Employees Act.*

During the year under report the Act was extended to the following places :—

- (i) Kangan.
- (ii) Bijbehara.
- (iii) Akhnoor.

The following opening and closing hours for shops and commercial establishments have been prescribed in the State and were observed throughout the year :—

		Opening	Closing
Winter	..	8-30 A. M.	9 P.M.
Summer	..	7 A. M.	10 P.M.

#### 7. *Employees Provident Fund Act, 1961.*

##### **Plan and Development Schemes**

The allotted budget for the year was Rs. 70,400 and the total expenditure Rs. 44,246.

Six Labour Welfare Centres were opened at Pampore, Silk Factory, Shalteng, Woollen Mills, Jammu and Miransahib. In these centres besides free medical aid, facilities for indoor and outdoor games, newspapers and library books were also provided. Musical concerts were also arranged. The number of workers treated at these centres during the year is detailed below :—

1	Labour Welfare Centre, Pampore	..	7,200
2	Labour Welfare Centre, Silk Factory	..	4,000
3	Labour Welfare Centre, Shalteng	..	4,500
4	Labour Welfare Centre, Woollen Mills	..	4,200
5	Labour Welfare Centre, Jammu	..	2,976
6	Labour Welfare Centre, Miransahib	..	4,149

##### **Defence Labour Organisation**

The work of this organisation of the Department pertained to procurement and employment of labour in the shape of porters and



ponies. The Department was able to provide employment to 5,74,952 porters and 59,208 ponies with total wages amounting to Rs. 20,56,540 and a commission of Rs. 3,010.

Compensation paid for the death of porters and ponies is given as below :—

1	31 Mules	..	Rs. 10,750
2	76 Ponies	..	Rs. 23,190
3	4 Porters	..	Rs. 1,861

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**DIRECTORATE OF INDUSTRIES & COMMERCE****Administrative Set up**

The Directorate of Industries and Commerce remained under the administrative control of Dr. M. Habibullah during the year under report. In addition he also held the charge of Drug Research Laboratories.

**Large and Medium Scale Industries and other Factories in the Public Sector**

The development of large and medium scale industries received a considerable fillip in the State during the year under report. The Government finalised the schemes for establishment of a factory for manufacture of ceramics, a factory for manufacture of sanitary fittings and setting up of a veneer slicing plant. The Brick and Tiles Factory, the construction work of which was started in the previous year, was almost completed during the year under review.

The programme under this head comprises (a) development of existing industries namely, Drug Factories and Farms which were started in the First Five Year Plan and (b) establishment of five new factories, namely, Brick and Tiles Factory at Pampore ; Cement Factory at Wvyan, Ceramics Factory at Kathua, Veneer and Slicing Factory at Pampore and Woollen Spinning Mills at Amda Kadal (Srinagar).

**Bricks and Tiles Factory, Pampore**

With a view to making bricks available to the consumers at reasonable rates, the Government has set up a mechanised plant capable of manufacturing 8 million bricks and one million roofing tiles per annum. The entire project will cost about Rs. 18.60 lakhs.

**Ceramics Factory, Kathua**

Order for the supply of the plant and machinery costing Rs. 8.52 lakhs for the setting up of Ceramics Factory at Kathua were placed with a Czechk firm.

The project is being implemented in collaboration with M/s Aminchand Pyarelal and for this purpose a Joint Stock Company under the name and style of Kashmir Ceramics Ltd., has been incorporated. The Company will have an initial authorised capital of Rupees one crore, the paid-up capital in the first instance being Rs. 50.00 lakhs. Forty-nine per cent promoters will subscribe 51 % shares.

The work on the construction of factory building was started in 1961.

**Veneer Slicing Plant**

The Factory is being set up at Pampore and will consume the locally available walnut wood for manufacture of veneers. For the purchase of machinery, orders have been placed with a firm in Czechoslovakia and the machinery is expected to reach the site in the middle



of 1961. This project is being implemented with private participation in collaboration with M/s Sahuja's Ltd. The work on the construction of the factory is in progress.

### Woollen Spinning Mills

The Government is setting up a worsted spinning mill with a capacity of 1,200 spindles. The order for supply of the spindles plant was placed with a Japanese Firm and it was installed under the supervision of Japanese experts during the year under report. The building to house the machinery was also completed during the year 1960-61. The Factory will be provided with air conditioning equipment.

The plant has the capacity of consuming 1.20 lakhs lbs. of wool tops on three shift basis and shall produce 1.12 lakh lbs. of finer types of yarn of 1/64 and 2/64 counts and meet the requirements of the Raffal industry of the State to a certain extent.

### Drug Research Factories and Farms

At present the Drug Research Laboratory is engaged in the manufacture of the following medicinal preparations and essential oils.

1. Golenicals.
2. Tablets.
3. Standardized extracts of Belladonna, Hyoscyannus and Dutura Stramonium.
4. Concentrated standardized extract of Pyrethrum.
5. Ampoiles.
6. Cedar Wood Oil, Calamus Oil, Peppermint Oil, Menthol and Castus Oil.
7. Resincids of Castus and Valenan.
8. Specilities like cough syrups, purgative tablets, vitamin elixirs, travel sickness tablets, antispasmodic preparations.

The position of drug farms in Kashmir and Jammu as also of the two drug factories at Jammu and Srinagar in so far as production sales, employment are concerned is given as under :

### Drug Farms Kashmir

The data given below depicts the picture of the drug farms established in Kashmir.

Year	Area under Drug Cultivation (in acres)	Produce in mds.	Value of Produce in Rs.	Working expenses in Rs.	No. of workers
1959-60	855	1,666	1,74,616	2,07,824	290
1960-61	946	1,961	2,37,295	2,09,833	323



The area under drug cultivation has progressively risen from 100 acres in 1954-55 to 946 acres in 1960-61 with a similar rise in the production. In 1954-55 the farms yielded 154 mds. of drugs valuing Rs. 11.826 whereas in 1960-61 the production has been registered at 1961 mds. valuing Rs. 2.37 lakhs.

### Drug Farms Jammu

The statement given below shows the position of drug farms in Jammu Province.

Year		Area under Drug Cultiva- tion (in acres)	Produce in mds.	Value of produce (in Rs.)
1957-58	..	77	169	717
1958-59	..	187	1,232	13,602
1959-60	..	486	4,236	42,360
1960-61	..	626	11,703	1,17,030

Because of shortage, Mentha crop could not be collected in adequate supplies from the Chakroi farm resulting in fall of production of the fare of 12,000 mds.

The Council of Scientific and Industrial Research has agreed to extend this farm by additional 2,000 acres in collaboration with the State Government and investing Rs. 13.50 lakhs on the implementation of the scheme as its share.

### Drug Factory, Srinagar

Having started the production of drugs worth Rs. 1.10 lakhs, approximately in 1956-57 the production was Rs. 4.68 lakhs in the year 1960-61. The sales have also likewise gone up from Rs. .47 lakhs in 1956-57 to Rs. 4.80 lakhs in 1960-61.

The statement given below shows the position of production sales, employment and profit and loss in respect of this factory for the last 5 years.

Year		Production	Sales	Profit	Loss	No. of workers
1956-57	..	1,10,791	47,350	..	1,10,000	46
1957-58	..	2,69,773	33,300	..	82,967	47
1958-59	..	2,64,385	1,22,800	15,032	..	43
1959-60	..	3,78,730	1,57,200	5,000	..	46
1960-61	..	4,68,800	4,90,000	10,000	..	47



### Drug Factory, Jammu

Having started the production of drugs worth Rs. 4.80 lakhs in 1952-53, the production in this concern went up to Rs. 11.28 lakhs in 1960-61.

### Industrial Testing Laboratory

A brief description of the work done by the Industrial Testing Laboratory during the period under report is given hereunder :

- (i) Testing of wool, ores and fuels sent by various Departments.
- (ii) Laboratory and Pilot Plant work on the extraction of fat.
- (iii) Laboratory scale work on briquetting of lignite (in the raw form and in the carbonised form) with raw saw-dust to see its utility as a domestic fuel.
- (iv) Improvement of the design of stoves and cooking ovens which can use raw lignite as fuel. This was done in collaboration with the Army authorities.
- (v) Work was conducted on various essential oils specially oil for cosmetics. The oil was extracted by different methods and its resinoids were manufactured on a pilot plant scale.

### Government Fair Price Shop (Drug and Medicines)

The yearwise purchases, sales and stocks of the Government Fair Price Shop is given as under :

		1957-58	1958-59	1959-60	1960-61
		Rs.	Rs.	Rs.	Rs.
1	Purchases ..	45,449.85	87,105.55	55,176.93	88,365.29
2	Sales ..	6,574.82	74,574.15	67,839.64	91,924.44
3	Stocks as on 31st March ..	39,532.51	59,521.32	53,788.78	51,790.04

### Government Paints and Mineral Factory

The Government Paints and Mineral Factory has started production of all types of stiff paints, R. M. and enamels, paints, varnishes and double boiled oils etc. Deteriorated walnut kernel oil has also been put into use instead of linseed oil. Attempts are made to manufacture quality varnishes and synthetic resins out of locally manufactured Rosin and Turpentine.

The overall progress of the factory as observed from the data pertaining to production and sales and employment from 1955-56 to 1960-61 is given below :



**Yearwise Progress Statement**

Year		Production Value	Sales Value
		Rs.	Rs.
1955-56	..	53,800	30,000
1956-57	..	70,600	51,800
1957-58	..	72,000	62,900
1958-59	..	1,25,000	1,20,000
1959-60	..	1,43,400	1,46,500
1960-61	..	1,97,300	2,06,464

The Government Knitting Factory knits the goods mostly needed by the Police Department and the Army 192 jerseys, socks, gloves, cap comforters, hosetops etc. and goods such as pullovers, mufflers, topas, ladys and gents cardigans, shawls, socks, woollen, cotton and nylon etc. are being produced for civil consumption.

During the year 1960-61 total production of goods knitted in the Factory amounted to about Rs. 80,000 out of which over Rs. 60,000 were of Defence descriptions. The sales also amounted to over Rs. 80,000.

The total number of workmen engaged during the year in the Factory both skilled and unskilled was 35 only.

**Government Pottery Factory Srinagar**

In order to meet the local demand for Kashmiri cups and to manufacture porcelain ware the Government Pottery Factory was put into commission in the middle of 1959 and till the end of the year 1960-61 goods valuing Rs. 20,000 were produced and goods worth Rs. 16,000 sold.

The Factory employs 27 workers per day.

**Government Surgical Instrument Factory**

The Factory was set up in the year 1956 with a view to manufacturing surgical instruments. Manufacture of iron beds, sterilizers, bailing cots, stands of wash basins, revolving tools patient's trolley, was also taken into hand.

The total value of goods produced in this Factory during the period under review was to the tune of Rs. 22,000 compared to production to the tune of Rs. 15,000 in the year 1959-60. Similarly the sales went up from Rs. 5,000 in the year 1959-60 to Rs. 24,000 in the year 1960-61.



The yearwise progress made by the factory in respect of production, sales etc. is given below :

Year	Production Value	Sales Value
	Rs.	Rs.
1956-57	.. 2,153.00	257.25
1957-58	.. 4,682.20	3,049.04
1958-59	.. 14,750.88	4,754.73
1959-60	.. 15,375.05	6,103.50
1960-61	.. 21,966.77	24,037.83

### Small Scale Industries

During the 2nd Five Year Plan out of a total allocation of Rs. 341.24 lakhs under industries and mining, a provision of Rs. 69.75 lakhs was earmarked for small scale industries. The total expenditure against the provision of Rs. 69.75 lakhs was Rs. 62.62 lakhs.

### Facilities provided to private sector for the development of Small Scale Industries

With a view to ensuring an even development in the private sector as well as enabling the deserving entrepreneurs to play their role various facilities, as indicated below, were made available to them.

#### (i) Financial Assistance

Out of a provision of Rs. 19.00 lakhs for grant of loans to Small Scale Industries Rs. 2.13 lakhs have been disbursed among 130 small scale units during the year under review.

#### (ii) State Finance Corporation

The State Finance Corporation sanctioned loans to the tune of Rs. 8.09 lakhs in favour of 11 small scale units and disbursed loans to 5 units amounting to Rs. 2.55 lakhs up to the end of the year under report.

### Import Licences

During the year under report 51 actual users received import licences worth Rs. 3,88,000 from the Chief Controller of Imports and Exports on the recommendations of the Director of Industries and Commerce for the licensing period April-September, 1960.

S. No.	Goods for which Import Licences issued	No. of units whom licences issued	Value of licences issued
1	Radio Components	.. 10	73,000
2	Soap Manufacture	.. 5	35,000
3	Chemicals	.. 9	73,000



S. No.	Goods for which Import Licences issued	No. of units whom licences issued	Value of licences issued
4	Electric Appliances	6	31,000
5	Sewing Machines (parts)	1	16,000
6	Iron and Steel	7	55,000
7	Refrigerators and Cooling Cabinets	1	8,000
8	Machinery etc.	12	97,000
Total		51	3,88,000

### Survey of Raw Material

Arrangements were made for the supply of controlled commodities and raw material like iron and steel, copper, zinc and photographic material to the small scale units and these commodities are now being supplied to these units through Government Raw Material Depots which have been opened at Srinagar and Jammu.

The yearwise position of different quotas of commodities allotted is given in the table below :

S. No.	Particulars of Raw Material	Type of Quota	Period	Quantity Allotted
1	Iron and Steel	S. S. I.	1957-58	40 tons
	do.	do.	1958-59	844 tons
	do.	do.	1959-60	2,381 tons
	do.	do.	1960-61	1,622 tons
2	Iron and Steel	S. P. I.	1957-58	300 tons
	do.	do.	1958-59	360 tons
	do.	do.	1959-60	502 tons
	do.	do.	1960-61	200 tons
3	Copper	S. S. I.	1958-59	12 tons
	do.	do.	1959-60	110 tons
	do.	do.	1960-61	1,777 tons



S No.	Particulars of Raw Material	Type of Quota	Period	Quantity Allotted
4	Zinc	S. S. I.	1958-59	50 tons
	do.	do.	April '60— Sept '60	65 tons
			Oct. '60— March '61	65 tons
5	Photographic material	Actual users.	1959-60	Worth Rs. 35,000
	do.	do.	1960-61	Rs. 50,000

### Supply of Machinery on Hire Purchase Basis

Twelve applications were received during the year 1960-61 from various small scale units for supply of machinery worth Rs. 4,34,000 and 2,45,777 Crowns and £ 1,000 on hire-purchase basis through the National Small Industries Corporation, Government of India, were recommended. The Corporation have accepted the applications of 10 units for machinery worth Rs. 3,99,000 and 24,577 Crowns and £ 1,000 during the year under report.

### Technical Assistance

#### (a) Technical assistance through Small Industries Service Institute.

The progress made in respect of number of candidates trained, goods produced, sales conducted in production centres set up at various places in the State during the years 1959-60 and 1960-61 is indicated in the table below :

S N o	Name of the Centre with location	No. of candi- dates trained		Value of Pro- duction		Value of Sale	
		1959-60	1960-61	1959-60	1960-61	1959-60	1960-61
				Rs.	Rs.	Rs.	Rs.
1	Blacksmithy Centre, Jammu ..	6	6	2,600	3,600	1,500	4,000
2	Carpentry Centre, Jammu ..	6	7	4,900	5,000	4,400	5,100
3	Ladies Vocational Centre, Jammu ..	40	40	400	1,100	..	300
4	Ladies Vocational Centre, Srinagar ..	40	40	1,100	1,000	1,000	..



## Factory Accommodation

The construction of Industrial Estates, Gandhinagar and Barzulla has been almost completed while the Estate at Anantnag will be completed during 1961-62. The Estates will provide factory accommodation for 120 units out of which, Gandhinagar will house 46 factories Barzulla Estate Srinagar will house 52 factories and Anantnag Estate 22 factories.

## Design Development

During the year 1960-61 the School of Designs produced 162 designs on paper for Namdha embroidery, wood carving, papier-mache and turquoise, of which 93 designs were reproduced on articles and 98 designed articles were made available to the artisans free of cost. Various copies of these designs were also made for circulation and distribution.

Against the total provision of Rs. 3.00 lakhs during the 2nd Five Year Plan period for the School of Designs Rs. 2.63 lakhs have been spent up to end of 1960-61. Rs. 0.86 lakhs being the expenditure for the year 1960-61.

Plan provision	<i>Expenditure in lakhs of rupees.</i>				
	1957-58	1958-59	1959-60	1960-61	Total
3.00	0.15	0.65	0.97	0.86	2.63

## Common Service Facility Centres

### (i) Wood Seasoning Centre

8,402.37 cft. of walnut wood was seasoned since the inception of the Centre till the end of 1960-61, out of which 4,177 cft. of seasoned walnut wood was sold during the same period.

### (ii) Central Dye House

This common service facility centre has been set up at Shirinbagh, Srinagar to render dyeing facilities available to the artisans engaged in Shawl, Pashmina, Raffal and Silk Industry. During the year under report 1,777 lbs. of various types of yarn 3,874 yds. of cloth and 96 pieces of Namdhas were dyed in the Centre and Rs. 7,829 realised as the service charges on this account.

## Revival of ancient crafts

### (i) Pashmina Centre Basohli

Till the end of the year 1960-61, 18 maunds of Pashmina yarn valuing Rs. 65,302 and 75 Pashmina shawls valuing Rs. 5,096 were produced in the centre. Five trainees received training during the year under report.

### (ii) Kani Shawl Centre, Kanihama

A training centre for Kanishawl weaving has also been set up at Kanihama, providing employment to 17 persons, including 12 trainees.



## Marketing

### (i) Government Central Market

During the year 1960-61 goods worth approximately Rs. 6.00 lakhs were sold in the Government Central Market. About eight lakhs persons visited the market. An amount of Rs. 28,800 was realised on account of rent from the staff holders.

### (ii) Exhibition

During the year under report the annual Industrial Exhibition was held at Srinagar. The Industrial Exhibition Jammu could not be arranged because the permanent building for Exhibition which is under construction could not be completed in time.

## Khadi and Village Industries

The Jammu and Kashmir Government has set up a Khadi and Village Industries Board consisting of 15 members for encouraging and intensifying the Khadi and Village Industries in the State of Jammu and Kashmir.

A provision of Rs. 1.00 lakh was made for the development of Khadi and Village Industries in the 2nd Five Year Plan in the State. Two Model Oil Ghani Centres at Baramulla and Bishnah and two Flaying Centres at Nadura and Bishnah were established during this period. Additional machinery for the development of Handmade Paper Centre, Miransahib was also purchased during the year under report.

## Oil Ghani Centres

In order to maintain the industry of Oil Ghani in the village two Model Oil Ghani Centres one each at Baramulla and Bishnah were started with a view to introducing improved Ghanies for oil expelling.

The Oil Ghani Centre, Baramulla produced oil and cakes worth Rs. 4,000 and realized sales to the tune of Rs. 3,500 during the year under report.

The Oil Ghani Centre Bishnah produced oils and cakes worth Rs. 6,000 and realized sales to the tune of Rs. 6,500 during the year 1960-61.

## Flaying Centres

Two Flaying Centres were set up at Nadura near Verinagh and Bishnah (Jammu) to impart training to flayers in the village in the art of flaying and carcass recovery.

## Handmade Paper Centre, Miransahib

The progress shown by the centre in respect of production and sales and as is evident from the following table :



Year	Production	Sale
1959-60	Rs. 12,136	Rs. 8,378
1960-61	Rs. 12,438	Rs. 5,509

## Textiles

The details of progress made in respect of candidates trained, value goods produced and sold and number of persons employed in each of the training centres established with a view to imparting training in weaving is given below :

Serial No.	Name of the centre with location	Date on which the centre started printing	Figures given below pertain to the period the centre started functioning till end of 1960-61		
			No. of candidates trained	Value of production	Value of sale
1	Handloom Weaving Centre, 7-1-1955 Sopore		22	27 500	22,500
2	Weaving Centre, Badgam.	August, 1955	8	8,544	6,799
3	Woollen Demonstration-cum-Training Centre, Bhaderwah	.. April, 1956	21	2,500	1,000
4	Cotton Centre, Samba	.. 1954	47	32,000	14,000

## Registration

The position regarding the companies, firms and societies which have been registered with this Department is as follows :

S. No.	Particulars	Total No. registered up to end of March, 1959	Total No. registered up to end of March, 1960	Total No. registered up to end of March, 1960-61
1	Companies	46	45	54
2	Firms	1,349	1,469	1,609
3	Societies	42	43	50



## KASHMIR GOVERNMENT ARTS EMPORIUM, SRINAGAR

### Administrative Control

Shri S. L. Saraf continued to be the Minister-in-Charge of the Emporia and Kh. Ahsanullah as General Manager.

### Sales

The year under report was more or less steady in terms of sales. There was, however, some increase in the overall turn-over when compared to the previous year. This was mainly due to the receipt of an bulk order for supply of 45,000 pieces of Raff. 1 plain and embroidered scarves from the Government of U. S. S. R. The value of the order was to the tune of about Rs. 8.00 lakhs.

The retail sales were steady but did not show any appreciable increase over the last year's figure. The Department tried to regularize the price factor in order to improve the sales, and formulated a comprehensive scheme for reorganisation of production centres. The scheme was under consideration during the year under report.

The following figures indicate the activities of the Department during the year under report :—

(1) Purchases	.. Rs. 8.00 lakhs.
(2) Production	.. Rs. 17.43 „
(3) Sales	.. Rs. 40.95 „
(4) Work provided to labour directly or indirectly	.. Rs. 2,500

### Export Sections

In order to strengthen the sales organisation and to divert more attention to exports, Export Sections were set up at Head Office and New Delhi. An illustrated catalogue brought out under a Plan scheme was freely mailed to various parties abroad to elicit their attention and interest.

### Calendering Plant

The famous Samba prints for which a Centre is established in Jammu, was provided with a Calendering Plant which was obtained under a Plan scheme.

### Publicity

On the publicity side the Department paid greater attention this year by participating in various exhibitions and fairs in the country. Those worth mention are National Agricultural Fair, Calcutta, Tagore Centenary Exhibition, Calcutta, Indian Industrial Exhibition, Hyderabad, Exhibition at Docks Bombay, Tourist Exhibition Bomabay and Katra Vaishnodevi, Jammu.



**Miscellaneous**

The All India Handicrafts Board, sponsored celebration of Handicrafts Week during the year under report and the Emporium branch at Srinagar and Delhi participated.

The Emporium also entered into a competition sponsored by the same agency for its products which were judged both for quality and utility point of views and came out successful and earned rewards and certificates of merits particularly in all the lines it competed for. In the State Industrial Exhibition, Srinagar, in which the Emporium participates every year, it won gold medals and certificates of merits for its products against keen competition.

During the year under report the main branches of the Emporium at Srinagar, Delhi and Bombay were renovated and given a face-lift and an amount of Rs. 40,000 for the purpose allotted under the Plan was utilized.



## SERICULTURE DEPARTMENT, KASHMIR

### Management

The administrative control of the Department continued under Mirza G. M. Beg, throughout the year.

### Seed production work

During the year under report 634 maunds of sorted cocoons were consumed for seed production work and 51,66,849 maunds were isolated under various systems. The infection observed under microscopic examination was 37.7%. The total quantity of seed production during the year was 18,135 ozs. Besides 17,400 ozs. were imported from Japan for rearing in Kashmir. Hibernation of seed was conducted on usual lines.

### Mulberry Culture

1,48,084 tall trees and 37,703 short stemmed plants were transplanted from various nurseries and planted in different Tehsils. An amount of Rs. 9,525 was paid for planting of short-stemmed trees.

3,46,000 grafts and 60,000 seedlings were planted for raising tall trees in various nurseries located in different Tehsils.

199 breach cases were compounded during the year under report. The amount realised on this account was Rs. 2,505.50.

445 permits (both free and auction) in different Tehsils were issued for felling dry standing and removal of fallen mulberry trees on private or State lands. The amount realised on account of auction and sale was Rs. 1,324.

33,000 ozs. of silkworm eggs, both foreign and local were distributed for rearing purposes in the Valley. The total crop produced was 26,600 maunds which works out at an average of 32.2 seers per ounce of seed.

### Reeling Section

The filatures worked for 236 days during the year against 192 days of the previous year. The total labour engaged in the filatures was 3,50,380 during the year against 2,69,372 of the previous year and the total wages paid to the labour was Rs. 9,34,206.08 against Rs. 7,34,820.38 of the previous year. Total quantity of cocoons consumed in the filatures was 5,45,570 lbs. 9 ozs. against 4,69,985 lbs. 12 ozs. of the previous year. The out-turn of silk and silk waste was 1,50,077 lbs. and 1,69,271 lbs. 9 ozs. respectively.

### Basic Seed Station Mirgund

The Basic Seed Station came into existence in 1959-60. Since then the Station has been trying to multiply seed production to curtail the foreign supply of silkworm seed. During the year under report the Station multiplied 600 DFL's (500 supplied by the Central Silk Work Seed Station Srinagar and 100 layings secured from races available from



the Station). The total production from these DFL's was 51,152 DFL's against 25,000 of the previous year. Besides, the station undertook experiments of rearing in summer and autumn and the results were satisfactory. The station made experiments in foreign varieties of mulberry trees in the farm.

### Matka Industry

This industry was revived in July, 1960. The industry gave employment to 1,100 operatives who were generally women folk. They were paid wages at Rs. 4.87 per lb. The industry produced 4,800 lbs. of yarn.

### Government Handloom

The factory conducted sale of 1,36,600 yards of cloth at a cost of Rs. 5,65,192.00 and earned a profit of Rs. 22,400. This progress was due to the installation of new machinery and co-operation of labour. The statistical data is as under :—

1	Total No. of handlooms on work	..	117
2	Total No. of preparatory machines run by electric power	..	3
3	Hand driven machines (Warps)	..	4
4	Total No. of working days of weavers	..	289
5	No. of skilled labour on roll	..	164
6	Cloth manufactured	..	1,36,600
7	Raw material consumed	..	10,600 lbs.
8	Sales conducted	..	5,65,192
9	Total wages paid	..	1,12,500

### Sericulture Institute

The Institute admitted 34 candidates. They comprised 23 departmental hands and 11 new recruits. The batch was relieved on 30th November, 1960 after imparting training for one year. A new batch of 30 candidates is receiving training at present.

### Sorting and Godown

Sorting and Godown Sections worked for 248 days and the labour engaged was 46,376 mazdoors. They were paid Rs. 1,19,684 as wages and Rs. 2,516 as lay off.

### Silk Stores

During the year under report 1,40,539 lbs. of raw silk were issued to the local weaving industry out of which 25,485 lbs. were supplied to



Government Silk Weaving Factory Rajbagh, Srinagar and 10,110 lbs. to Government Handloom Silk Factory, Srinagar. The rate of sale ranged from Rs. 37.25 to Rs. 38.50 per lb. The silk-waste was sold to different firms in India and the cocoon waste to the extent of 11,250 lbs. was issued to the Matka Industry and 672 lbs. to the Co-operative Centre. The total quantity of 1,66,100 lbs. of silk-waste of different grades was sold in the Indian market.



**GOVERNMENT JOINERY MILL****General**

During the period under report bulk supplies of the Joinery Mill products were made to the Defence Department and orders from various units of the Indian Army for supply of doors and windows worth about Rs. 22½ lakhs were received, which were partly completed in the year 1960-61.

**Saw Mill**

The second imported band saw mill could not be commissioned for a considerable period for want of electric power to make it run. The factory had to be run on the power generated by diesel oil.

**Finances**

Due to shortage of fund Central Heating Circuit could not be installed in the factory and construction of buildings left over in the original project could not also be carried out.

**Production**

To meet with the requirements of orders, the factory had to purchase timber worth about Rs. 18 lakhs during the years 1959-60 and 1960-61 which was utilised in manufacturing finished products, such as doors and windows etc. In addition to this, the factory has also been manufacturing ceiling and flooring to meet the requirements of the State Public Works Department.

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## DIRECTORATE OF FOOD AND SUPPLIES, KASHMIR PROVINCE

### Administration

The charge of the Department was held by Shri A. S. Qadiri during the year under report.

### Local Procurement

During the year under report local procurement was made by the Co-operative Department entirely. Local Shali was procured through this agency from the Zamindars of the Valley at the rate of Rs. 16 per Khirwar delivered at a storage centre of the Department in the Kashmir Valley. 182 centres were opened for receipt of paddy throughout the Valley for the convenience of the Zamindars.

### Collections

Khs. 2,77,389-4-1 of shali, Khs. 76-7-5 of maize in grain and Khs. 3,307-11-0 of maize in cob were procured by the Co-operative Agriculture and Rakhs and Farms Departments.

### Imports

Against the allotment made by the Government of India and out of local procurement at Jammu, the following commodities were received by this Department.

Rice	.. Mds. 6,95,186-4-15½
J. B. Rice	.. Mds. 30,031-35-3
Wheat	.. Mds. 1,70,957-3-5
Maize	.. Mds. 20,340-39-9
Salt	.. Mds. 2,62,970-22-10
Sugar	.. Mds. 1,30,184-37-12
Milk Powder	.. Mds. 676-35-4

### Transport

Food-grains and other essential commodities were transported from Jammu to Srinagar by mechanical transport. Food-grains were transported locally by boats mainly and partly by vehicles.

### Storage

Besides eight godowns, the Department has 29 bins at Gulab Bagh Srinagar, one each at Nowshehra, Sowra, Zadibal, Baramulla, Sopore and Bandipora. The Public Works Department has further constructed a few godowns at Pampore. Out of these one was taken over by this Department for storage of cement.



Besides the Department has a chain of Ambars (improvised thatched sheds) thatched with grass and floored with wood as dunnage over-spread with dry paddy grass. These are make-shift arrangements of storage which are raised from year to year according to the estimated quantities to be stored in each Ambar.

### Salt

Salt continued to be imported on Government account only and the position of supplies remained quite satisfactory. It was issued to the Departmental dealers and Co-operative Department at a flat rate of Rs. 7.25 and Rs. 6.75 P. per maund respectively. The system of issuing salt at the rate of one seer per head per month to the general public proved a success and it worked to the entire satisfaction of both the dealers and the consumers.

### Sugar

Sugar was de-controlled during the period under report and was issued to the shop-keepers of the city and Muffasils at the rate of Rs. 49 per maund for issue among the general public without any quantitative restriction.

### Cement

The import of cement into the Province was made on Government account for Government sector and through the nominated dealers for private sector. The cement stored on Government account was issued to the Government Departments viz. Roads and Buildings, Flood, Irrigation, Electric and other Engineering Departments.

### Miscellaneous

G. C. and plain sheets and some other varieties of Iron of Sorts continued to be issued by the Government of India on quota basis and was got imported through the nominated dealers viz. Kashmir Metal Mart. Due to the rise in the standard of living of the people and loans advanced, the demand for G. C. Sheets increased to a great extent.

The demand for Iron of Sorts also increased due to the implementation of the Five Year Plan in the State. The Engineering Department particularly the P. W. D. and Irrigation used it in their constructional works.

### Leh Supplies

Transport of essential commodities like rice, wheat, sugar, salt, atta, kerosene oil to Leh by air continued during the period under report. Besides the above cited commodities, goods of almost all the Government Departments functioning at Leh were also despatched by airlift by this Department.

### Skimmed Milk

Over 676 maunds of milk powder were sold in the city of Srinagar and Anantnag at Rs. -/4/6 per seer through the Departmental depots. This helped to control the rising price of cow's milk in the market.



## Distribution

In Srinagar the rationed population of about 2,74,920 persons was issued ration cards according to their verified family strength. There were 74 permanent issue-ghats and centres in the city and its suburbs. Over 115 centres functioned during the lean months in the Muffasils for issue of rations to towns, deficit pockets, Kandi areas, flood sufferers on non-statutory basis. The number of such centres is slightly reduced in winter months after the harvest. The distant hilly areas of Uri, Karnah, Keran, Gurez and parts of Kishtwar were supplied with food-grains from the Departmental stocks. Besides this Frontier Province also was, as usual, supplied with food-grains etc.

The following table will indicate the quantities of food-grains issued during the year under report both in statutory and non-statutory rationed areas.

	Local Shali	Rice	Atta	J. B. Rice
City .. Khs.	254397-13-3 $\frac{3}{4}$	671804-10-0	153768-18-14	3429-37-14
Muff... Khs.	117-13-0	102017-28-12 $\frac{1}{2}$	2104-5-12	27233-34-1
	Wheat		Maize	
	Mds. 61946-38-13		Mds. 1,33,595-26-3 $\frac{1}{2}$	

The following table shows the population rationed in Muffasils during the year under report :—

District	Town	Flood sufferers	Needies
Anantnag ..	49,915	30,054	2,01,645
Srinagar ..	9,100	67,367	2,03,669
Baramulla ..	47,400	1,10,300	3,54,626
Total ..	1,06,415	2,07,721	4,45,812

## Increase in Ration Tickets

The unrationed minors who had attained the rationing age were increased in Ration Tickets against the adjustments of deceased members of the respective families. In some cases major members who had come to the families by marriages from villages were also increased after due verifications.



### Temporary Rations

Rations were also issued to the citizens who had formally migrated from the city of Srinagar and returned for a short time on account of holidays or Government engagements temporarily. Rations were also issued to those State subjects who though belonging to the State had been serving outside the State and had come over to Srinagar for seasonal or periodical stays. The average total number of persons so rationed was 261 per month. Temporary Ration Tickets were also issued to the 2,753 Government employees, hailing from outside Kashmir from Miscellaneous Depot.

### Refugees

Rations to 375 refugees residing in the city of Srinagar were issued like other permanent citizens of Srinagar city.

### Government Institutions

Issue of grains to Government Institutions such as Jails, Hospitals, Police personnel, Institutions etc. were made according to the fixed scale of rations on monthly indent basis.

There was a good crop during the year under report. There was no restriction on import of paddy and other food-grains into the city of Srinagar and as such no permits were issued to the chowkidars or religious votaries for importing paddy or rice.



## FOOD AND SUPPLIES, JAMMU

**Administrative control**

The Department remained under the administrative control of Shri Dev Raj Dogra, Director Food and Supplies, Jammu, during the year under report.

**Import of Food-grains**

The following quantities of food-grains were imported during the year under report :—

Commodity	Received from Govt. of India	Purchased Departmentally	Total
1 Imported Wheat ..	6,11,875 Mds.	13,517 Mds	6,25,392 Mds.
2 Imported Rice ..	6,69,863 Mds.	..	6,69,863 Mds.
3 Maize ..	Nil	51,452 Mds	51,452 Mds.

**Purchases**

Voluntary purchase of paddy was made as usual and the procurement rates of last year were repeated. Total procurement of paddy was 5,06,053 maunds.

**Despatches to Srinagar**

Following quantities of food-grains were despatched to Srinagar during the year under report :—

1 Imported Wheat	.. 1,83,116 Mds.
2 Imported Rice	.. 6,93,326 Mds.
3 Local Rice	.. 31,522 Mds.
4 Maize	.. 20,577 Mds.

**Rationing**

Subscribed food-grains to the rationed area of Jammu city continued to be supplied against ration cards at the fixed scale of 6 chhataks per head per day comprising of 4 Chhs. of Atta and 2 Chhs. of rice. The total quantity of rations issued in the City during the year was as under :—

1 Wheat and wheat products	.. 2,78,518 Mds.
2 Local Rice	.. 1,41,369 ..



**Despatches to Muffasils**

The following quantities were issued to Muffasils during the year under report :—

1	Wheat	.. .. .	1,59,010 Mds.
2	Local Rice	.. .. .	98,986 „
3	Imported Rice	.. .. .	528 „
4	Maize	.. .. .	25,852 „

**Sugar**

Sugar was sold to the public at the subscribed rates of Rs. 1/2/- per seer in the City and at Rs. 1/4/- per seer in Muffasil at all the Tehsil Headquarters Centres. In addition to 15,933 maunds already lying in the Stores, 2,98,582 maunds of sugar were imported on Government account during the year.

**Salt**

In addition to old stock already lying in the Stores, 2,89,545 maunds of Salt were imported on Government account during the year. Of this 3,25,282 maunds of salt were despatched to Srinagar for consumption in the Kashmir Province. Salt was also imported by the private traders in the open market. Import of 15,532 maunds of Goma salt was also arranged through private traders in Jammu Province for cattle consumption.

**Iron and Steel**

About 86,868 maunds of iron and steel material comprising rounds and sheets etc. were imported by the registered stockists in Jammu and the same was issued to the public and also the Engineering and other Government Departments.

**Cement**

5,08,152 bags of cement were imported on Government account and 1,93,527 bags of cement were imported by registered (private) dealers in Jammu Province. Out of the stocks imported on Government account 98,272 bags were sent to Srinagar and the balance was issued to different Government Departments to meet the demands.

**Coal and Coke**

The Department arranged the imports of 350 wagons of slack coal to meet the demand of brick kiln owners in Jammu Province. Import of 200 wagons of hard coal and 16 wagons of steam coal were also arranged for the general public and to meet the demand of various industrial concerns.



**ANIMAL HUSBANDRY DEPARTMENT****General Administration**

Dr. Ghulam Mohy-ud-Din continued to function as the Head of the Department throughout the year under report.

**Treatment work at Headquarters of Tehsil Units and Sub-Units**

3,46,599 animals were treated and 31,635 animals castrated at hospitals and other sub-units in the State.

**Treatment work on tour**

During the year under report, the field staff of the Department treated 1,18,926 animals out of which 40,380 were non-contagious cases and 36,737 castrations were performed on tour.

**Contagious and Infectious Diseases****(a) Rinderpest**

3,79,387 preventive vaccinations against this disease were performed by five Rinderpest Control Parties run under the scheme for eradication of Rinderpest sponsored by the Government of India.

**(b) Haemorrhagic Septicaemia**

126 outbreaks of the disease were reported involving 171 villages and causing 214 deaths. 12,518 animals were inoculated and vaccinated against the disease.

**(c) Blackquarter**

74 outbreaks were reported involving 140 villages. 176 deaths were caused due to this disease. 35,915 animals were inoculated against the disease.

**(d) Ranikhet disease**

9 outbreaks of the disease were reported which caused 417 deaths involving 22 villages. 96,709 vaccinations were given to birds with Ranikhet disease vaccine manufactured in the Veterinary Laboratory, Srinagar.

**(e) Anthrax**

32 outbreaks of the disease were reported involving 17 villages and causing 36 deaths. 4,550 inoculations were performed against the disease and 28 deaths were reported.

**(f) Foot and Mouth Disease**

201 outbreaks of the disease were recorded involving 354 villages and causing 34 deaths.



In all 3,78,234 inoculations and mass vaccinations were performed by the staff of both the provinces.

## **Research work**

### **(a) Veterinary Disease Investigation Section**

The work done during the year under report by this section is given as under :—

#### **(i) Parasitic diseases**

Fasciolosis is common in Kashmir Valley and Kathua District of Jammu Province. Dung samples collected from the field were examined in the Laboratories all the year round and result of the finding released to field staff for proper treatment of parasitic infections.

A common disease locally named as Kirla in Basohli area of Kathua District was reported and measures to eradicate the disease were communicated to the farmers.

Dicrocoeliasis is highly common in District Doda. Carbon Tetrachloride was widely used for treatment of the disease.

#### **Schistosomiasis**

This disease was reported from village Lasan, Tehsil Badgam and the victimised animals were successfully treated.

#### **(ii) Virus disease**

The disease made its appearance in Kathua, Poonch, Baramulla Districts of the State and necessary measures to check it were taken.

#### **(iii) Bacterial and other diseases**

Fowl Cholera was reported from Anantnag District but on spot examination of the cattle by the Veterinary Disease Investigating Officer, the disease was not confirmed. However, this disease broke out only at the Government Poultry Farm, Cheshmashai.

#### **Anthrax**

The outbreak of this disease caused heavy mortality of sheep in District Doda and necessary measures to check it were taken.

#### **Blackquarter**

The occurrence of this disease was reported from Kishtwar Tehsil. The infected area was closed to check the widespread of the disease. The area was thoroughly disinfected and left open for grazing purposes.

#### **Tuberculosis**

Veterinary Double Interdermal Tuberculine tests were carried out at Doda, Bhandarwah and Kishtwar to confirm the existence of the disease,



but the tests gave negative results and no tuberculosis in animals was detected.

### **Pasteurellosis Ovine**

A report about the continued mortalities of ewes and lambs in Anderwan Sheep Farm was attended by the Veterinary Disease Investigating Officer, during May, 1960 and necessary material was collected for conducting microscopic and biological tests. The disease was confirmed and was controlled by taking necessary measures.

The Central Laboratories at Srinagar and Jammu handled the following problems :—

(i) About 0.013 lakh specimens were examined including specimens of milk, blood films, rine, morbid material collected by the field staff and dung samples during the year 1960-61.

(ii) 3.11 lakh doses of R. K. D. vaccine was manufactured in the Laboratories during the year under report. The vaccine was distributed for distribution for vaccination of poultry in the field.

(iii) During the year under report 67 biological tests were conducted in the laboratories for confirmation of the infections.

Material for microscopic tests and other research work was collected from slaughter houses. Pneumonia virus was used in the Sheep Breeding Farm Reasi to save the animals from the attack of Pneumonia.

### **Cattle Breeding**

#### **(a) Cattle Breeding Centres in the Field**

In all 30 bulls (23 Sindhi and 7 local) were stationed at various Cattle Breeding Centres in Kashmir Province for breeding purposes during the year under report. 26 Key Village Centres were being run by the NES Department during 1960-61; the local bulls located there were being maintained in the Panchayats.

About 1,762 coverings were performed by the bulls and 750 births were recorded.

104 bulls (102 Hariana and 2 Sindhi) were stationed in Jammu Province during the year under report. About 2,500 cows were covered by these bulls during the year under report. Some of the breeding bulls remained with village Panchayats and private agencies on premium basis for breeding purposes.

#### **(b) Cattle Breeding and Research Farm, Cheshmashai**

The livestock strength in the beginning of the year under report was given below as :—



		Local	Sindhi	Buffaloes
1	Cows	.. 138	45	3
2	Bulls	.. 7	9	1
3	Young stock	.. 266	72	1
4	Bullocks	.. 5	..	..
5	Ponies	.. 4	..	..
6	Bee colonies	.. 5	..	..
7	Goats	.. 4	..	..

### Coverings

36 coverings in Sindhi herd and 98 in local herd were recorded during the year under report.

### Calvings

206 Sindhi cows and 73 local cows were calved during the year under report.

The livestock strength at the end of the year 1960-61 was :—

		Local	Sindhi
1	Cows	.. 88	44
2	Bulls	.. 7	6
3	Young stock	.. 144	49
4	Bullocks	.. ..	8
5	Equines	.. ..	4
6	Ovines	.. ..	4
7	Bee colonies	.. ..	5

### Milk productions

During the period under report 2,22,947 lbs. of milk were produced at the Farm.

### Agriculture

Work done in the field of agriculture is given as under :—



1	Maize grass green	..	14,000 lbs.
2	Wheat grains	..	150 „
3	Wheat Bhoosa	..	400 „
4	Maize seed	..	1,070 „

During the year 90,000 lbs. of green grass was ensilaged and fed to livestock during winter months with very favourable results.

### Manure

During the year 18,198 cft. of farm yard manure was sold to various concerns.

### Plantation

About 190 plants of various types have been planted in the Farm.

### (c) Central Cattle Breeding and Research Farm, Belicharana, Jammu

The livestock strength at the Farm ending March, 1961 remained as under :—

#### Hariana

Cows	..	52
Bulls	..	2
Female calves	..	43
Male calves	..	79

#### Murrah

Buffaloes	..	22
Buffaloes	..	2
Female calves	..	23
Male calves	..	20

#### Others

Bullocks	..	32
Tonga pony	..	1
Mare	..	1

#### Local Buffaloes Herd

Buffaloes	..	13
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Female calves	..	8
Male calves	..	10

**Sindhi Herd**

Cows	..	5
Heifers	..	6
Bulls	..	2
Bull calves	..	9
Suckling male calf	..	1
Suckling female calf	..	1

**Livestock Distribution**

In order to watch the degree of adaptability of the animals during winter in Kashmir Province, one Murrah buffalo bull and three buffaloes were transferred to Cheshmashai Farm.

**Disease**

All the livestock was vaccinated against H. S. as well as B. Q. as prophylactic measure.

**Coverings**

In all 41 cows and 24 buffaloes were covered by the Government breeding bulls in the farm during the period under report.

**Vaccination**

Farm livestock was prophylactically vaccinated against H. S. and B. Q. diseases.

**Milk production**

The total milk yield during the year at the Farm reached the tune of 1,19,923 lbs. out of which 56,873½ lbs. were from the Hariana cows and the rest 63,049½ lbs. from the Murrah buffaloes.

**Frontier District, Cattle Development Farm, Murtse****Milk yield**

Fresh and pure milk is sold to the consumers at comparatively cheaper rates *i. e.* 0.50 per seer.

The total milk yield during the year under report reached to 17,077 lbs. which gave an income of Rs. 4,269.25 nP.



## Artificial Insemination

Two Artificial Insemination Centres, one each at Srinagar and Jammu, continued to work during the year under report.

Besides, technical staff working in the field were given the training locally as to enable them to carry out artificial insemination in the areas where immense shortage of bulls was felt, such as Bishnah, Kathua and R. S. Pura in Jammu Province, and 1,017 cows were inseminated. The summary of the work done in the field is given as under.

### Gosadan

During the period under report 34 animals were admitted to the Gosadan at Pangali in Jammu Province raising the total number of animals to 470, out of which one animal was put to auction, 45 died a natural death and 316 were treated for various ailments.

### Key Village

In the three Key Village Blocks at Kathua, Bishnah and Jaurian in Jammu Province, comprising of six Key Village Centres, all the scrub bulls numbering 1,422 were castrated to render them unfit for breeding purposes, and the deficiency in this respect was met by artificial insemination.

3 buff bulls and 42 Hariana bulls are stationed there. 9,621 cows were registered in the Key Village Centres, 11,837 animals were inoculated. 1,530 calves were born by natural services of which 787 were male and 743 female.

### Wild and Stray Cattle Breeding and Taming Scheme

The scheme envisages to round up the maximum number of wild cattle in various parts of Jammu Province so that standing crop in the fields are not damaged.

During the year under report 598 wild animals harmful to crops were caught out of which 71 were auctioned, 213 died, and 314 animals were housed at Cattle Pond at Satwari Cantt. area. 181 hides were obtained from the dead animals and auctioned.

### Poultry Development

#### (a) Kashmir Province

The Poultry Section continued to be attached to the Central Cattle Breeding Farm, Cheshmashai during the year under report. The total number of eggs produced during the year was 12,883 and out of these 8,901 eggs were sent for incubation, 262 eggs were sent to Central Cattle Breeding and Research Farm, Belicharana, for incubation. 2,690 eggs were sold for hatching and 161 eggs were sold as table.

Out of the eggs sent for incubation 169 day old chicks were hatched.

Against a stock position of 434 birds including ducks at the end of March, 1960, the balance at the end of March, 1961 at State Poultry Farm, Cheshmashai was 519.



Poultry Demonstration Centre, Badgam remained functioning normally as usual, and one more Poultry Extension-*cum*-Demonstration Centre was established at Umerhair (Ganderbal).

#### (b) Jammu Province

During the year 1960-61, 18,275 eggs were produced at the Farm and various Centres out of which 7,475 were distributed for hatching and table purposes. The rest were placed in the incubator for hatching and 4,820 chicks were hatched. 6,434 poultry birds and ducks were maintained at the State Poultry Farm throughout the year. About 3,198 birds were sold to the public and to various NES Blocks and to Manager, C. C. B. & R. Farm, Cheshmashai. 48 cockrels were distributed on exchange basis in two villages for upgrading of local livestock. The poultry centre at Bhaderwah started functioning on 28th October, 1960.

A poultry show was held in the Province to make the poultry farmers aware of the modern methods of poultry farming.

407 eggs were placed in incubator on custom hatching system out of which 227 chicks were hatched. 4,428 birds of the farm were vaccinated against Ranikhet disease and 1,200 birds of the Farm were vaccinated against Fowl Cholera. 900 birds and 300 birds of public breeders were vaccinated against Ranikhet and Fowl Cholera respectively free of cost. Three persons were given training of poultry management for one month each, free of charge.

Three temporary pens were constructed at the farm to house the duckling.

#### Rinderpest Eradication

Wide areas were covered for vaccination of adult cattle and buffaloes with a view to control the incidence of the disease in the State.

In all 3.79 lakh vaccinations were conducted during the period 1960-61 as against the target of 3.50 lakhs. 2,218 villages were visited by the vaccinating staff for this purpose.

In Jammu Province the entire border area extending from Kathua to Poonch Tehsils, Basohli except Bonni area, Billawar, Ramnagar (except Dudo Basantgarh) and Udhampur Tehsils have been covered.

#### Vaccine supply and storage

In order to supply the vaccine to the parties one storing centre at Jammu and one sub-centre at Srinagar was established.

No outbreak of the disease was reported during the year under report.

#### Horse and Mule Breeding

##### (a) Kashmir Province

The following was the number of horse and donkey stallions stationed in various Tehsil units and sub-units in Kashmir Province for breeding purposes during the year 1960-61 :—



## Horse stallions

## Donkey stallions

2

5

311 mares were covered during the year under report.

**(b) Jammu Province**

9 improved donkey stallions and 7 horse stallions were stationed at Tehsil Units and Sub-Units in the province during the year under report. 160 coverings with 13 births were recorded in respect of the donkey stallions and 36 coverings with 7 births were recorded in respect of horse stallions.

**Frontier District Cattle Development Farm, Murtse**

The main purpose of the Farm is to upgrade the various species of animals *i. e.* cattle, horses and sheep. Kashmir Valley bulls, Zanskari Horse Stallions, Rambiollet Rams are maintained at this farm. There are two donkey stallions as well for mule breeding. The upgrading work has been extended to the public owned livestock as well. Work done is given as below :—

1960-61			
Coverings	199	Results	160 (above 90% successful)
Covering done by donkey stallions	65	Results	60 (90%)
Kashmir Valley bulls coverings	162	Results	156 (97% successful)

**Sheep Breeding****(a) Kashmir Province**

In all 18 rams were stationed in Kashmir Province at the various Tehsil Units and Sub-Units during the year under report.

848 coverings were performed by the rams and 320 births were recorded during the year.

**(b) Frontier District Pashmina Development Centre, Changthang**

With the adoption of timely measures by the centre, mortality rate among sheep and goats has been reduced to a minimum.

**Propaganda****(a) Jammu Province**

907 villages of the province were visited by officials of the Department during the year under report in connection with the control of contagious



diseases, treatment of animals, castrations, inoculations and vaccinations of animals etc. Livestock shows were held at R. S. Pora, Ramnagar, Tharree, Kathua and Pallanwalla where modern methods of breeding and feeding of cattle, artificial insemination, aim of Gosadan etc. etc. were brought home to the people through distribution of pamphlets and posters etc.

### **(b) Kashmir Province**

Three one-day cattle shows in connection with celebration of Gosamvardhana Week were held at Ganderbal, Tral and Handwara.

To control the outbreak of contagious diseases in various villages, treatment work and castrations in remote areas, examination of medico-legal cases and propaganda work was done by the Department.

The technical staff of the Department was also engaged in checking the spread of African Horse Sickness in the Province.

During the year under report, pamphlets and posters were distributed among the masses in which better and modern methods of breeding and feeding of animals etc. were explained to them in detail. At the Industrial Exhibition Grounds Srinagar one Animal Husbandry Stall was opened as usual. As a mark of implementation of the Milk Supply Scheme, Srinagar, a Milk Bar was opened with the Animal Husbandry Stall in the Exhibition Grounds. One Camp Veterinary Dispensary accompanied the Yatries to the holy cave of Shree Amar Nath Jee.

### **Milk Supply Scheme, Srinagar**

#### **(a) Building**

The construction of the Dairy building was kept in abeyance for major portion of the year for want of technical personnel. About Rs. 40,000 were spent by the P. W. D. during the year under report for the construction of the Dairy building for milk supply scheme, Srinagar.

#### **(b) Machinery for the Main Dairy**

Orders for the purchase of main Dairy equipment to the tune of Rs. 5,55,257 were placed.

The equipment ordered for from the firm consists both of indigenous fabricated articles as well as the imported equipment.

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## SHEEP BREEDING AND SHEEP DEVELOPMENT DEPARTMENT

### Administrative Control

Mr. D. N. Kaul continued to be in charge of the Sheep Breeding and Sheep Development Department throughout the year under report.

### Budget Grant

A provision of Rs. 1,49,500 under normal and Rs. 92,530 under Plan Budget was made during the year for sheep and wool work.

### Grazing Lands

The grazing areas of all Sheep Breeding Farms continued to remain undemarcated with the result that the live-stock was able to get the best of highland grazing and was open to infection from private breeders.

### Shows and Publicity

The Department participated in the National Agriculture Fair, Calcutta, where exhibits depicting the progress made in research and development in sheep and wool work was vividly displayed.

At the industrial exhibitions at Srinagar, the Kashmir Marino sheep produced in the State were shown to the visitors.

Sheep shows were held in three Sheep Development Centres of Kashmir *i. e.* Beerwah, Khag and Rawalpura, where cash prizes amounting to Rs. 600 were awarded to the winners of different grades and types of sheep.

Three other similar sheep shows were held in Jammu Province at Baderwah, Reasi and Jasrota for migratory breeders where cash prizes amounting to Rs. 1,200 were awarded to winners of different grades and types of sheep.

### Trainings

Mr. G. A. Bandey the Officer-in-Charge, Sheep Breeding Farm, Banihal/Reasi and Mr. Bhagat Singh, Veterinary Assistant Surgeon were deputed for training in sheep and wool works to Australia, under the Colombo Plan for one year.

### Government Sheep Breeding and Research Farm, Zaban/Reasi

#### Kashmir Merino

The Farm is one of the biggest Sheep Breeding Farms of India and the development of Kashmir Merino at this farm in a short time is of great importance to the Sheep and Wool Industry of Kashmir.



## Purebred Imported Stock

### (i) Rambouillet

The strength of the purebred Rambouillet stock at the close of the year was 41. This delicate and costly live-stock is being specially looked after in the hard and trying conditions of the Farm.

### (ii) Corriedale

The strength of Corriedale stock at the close of the year was 16. To some extent this breed has adopted itself to the local environment now.

### (iii) Texal

The Texal sheep did not at all do well at the Farm as they did not adapt themselves to environmental conditions of the farm. One ram, one ewe and two lambs of this breed died at the Farm and the remaining one ewe and one lamb were returned to the Defence Ministry.

### (iv) Caucassian

The two rams of Caucassian breed gifted by the Soviet Union did well at the Farm, and the Soviet Union were requested to export 20 Caucassian ewes and six rams, under the Indo-Soviet Trade Agreement. This live-stock did not arrive till the close of the year.

## Matings

18 Rambouillet ewes were mated to Farm born Ram X. Nine Corriedale ewes were mated with Corriedale ram No. G. 4.

## Births

14 purebred Rambouillet ewes lambed giving birth to 11 male and 3 female lambs. 3 ewes gave birth to twin lambs.

Out of 9 Corriedale ewes put to service one ewe aborted and four ewes lambed dropping five lambs, including a twin.

## Health and Disease

This stock was weighed every month to judge the condition of each individual. They were dosed against internal parasites regularly as well as dipped against Ectoparasites. They were also protected against contagious diseases like Anthrax, Black Quarter etc. by timely vaccination. This stock was also shorn twice a year as against one shearing conducted before.

## Breeding of other flocks

The breeding of the Farm ewes was conducted at the Farm as usual in September-October, 1960, in the following manner :—



(i) 176 Rambouillet graded ewes were divided into three groups and bred to Rambouillet Ram Nos. X 42, X 43 and C 38.

(ii) 182 Kashmir Merino ewes were divided into 2 groups and put to the service of 2 Caucassian Rams K 1 and K 2.

(iii) 150 local ewes were divided into 2 flocks and put to the service of Rambouillet Rams X 39 and X 45.

(iv) Further to get the maximum number of ewes covered, Corriedale rams, G 3 and G 5 were mated with unserved local ewes, the Caucassian Ram K 1 was again put with Merino graded ewes and X 45 Rambouillet Ram, with Rambouillet graded ewes, in December, 1960.

### Lambing of flocks

The following lambs were born from different grades and types of ewes mated above :—

(i) 150 local ewes gave birth to 110 lambs.

(ii) 182 Kashmir Merino ewes gave birth to 113 lambs.

(iii) 176 Rambouillet graded ewes dropped 128 lambs.

(iv) The lambing percentages in the above three categories of ewes comes to 73, 63 and 73 respectively.

(v) The average birth weights ranged from 5.3 to 8.9 lbs. The highest average birth weight of 8.9 was recorded by the purebred Rambouillet lambs and the lowest by R. 7/8th bred female lambs. On the whole the birth weights were in the region of 6 to 8 lbs. which is almost double that of lambs from local breeds.

### Health and Disease

The following work has been done at the farm in connection with the common sheep diseases.

#### (a) Treatments non-contagious

Respiratory disorders	1,390
Elementary disorders	1,001
Other causes	2,010

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Total .. 4,401

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**(b) Treatments contagious**

Foot and Mouth Disease	6,500
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**(c) Dosing against internal parasites**

With Carbon Tetrachloride	1,927
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With Phenothiazine	8,450
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Lungworms	19
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Total	10,396
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**(d) Dipping against Ecto-Parasites**

2,618
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**Vaccination against contagious Diseases**

Against B. Q.	1,183
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Against Anthrax	2,204
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Against Lamb Dysentery	935
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Against Haemorrhagic Septicaemia	191
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Against Virus Pneumonia	340
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Against African Horse Sickness	10
--------------------------------	----

Total	4,863
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Grand Total	28,778
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163 animals died at the farms flocks during the year under report due to various causes, the percentage of mortality being 9.56.

Two deaths due to Black Quarter and one due to Anthrax were encountered in spite of total vaccination of all stock against these diseases.

**Production of Rams**

41 improved Kashmir Merino and Rambouillet crossbred rams were issued permanently to breeders and Sheep Development Units for upgrading of private flocks during the year.

2 improved rams were issued temporarily for 1½ months to two breeders.

**Production of Wool**

55 maunds 34 seers 14 chts. of wool were produced at the Farm during the year as against 45 maunds 16 seers 15 chts. produced last year.



## Farm Produce

All efforts are made to produce grasses and fodder to supplement the different grazing. 28 maunds of maize was produced at Changloo, Banihal. The following feed and fodder valued at about Rs. 18,040 was produced from the Farm lands at Reasi :—

	Mds.	Srs.	Chts.
(a) Wheat, Barley, Oats, Cherry, Muck Cherry and Lupinus Terminus Grasses	52	23	0
(b) Green Fodder of Berseem, Lucerne Oats, Jungli Grass, Daman and Cherry	1,399	32	8
(c) Dry Fodder of Oats, Cherry, Barley, Wheat etc.	859	0	0

## Auction of Culled Stock

52 animals were culled on basis of old age, colour and wool quality. These animals were auctioned at Jammu for Rs. 2,102.

## Receipts

An amount of Rs. 13,373.91 nP. has been realised on account of sale of culled stock, sale of wool, pelts etc. during the year and credited to the treasury.

## Stock

The strength of the stock at the close of the year was 1,704 as detailed below :—

Local Ewes	227
Local Lambs	141
Rambouillet Rams	11
Rambouillet Ewes	18
Rambouillet Lambs	27
Corriedale Rams	4
Corriedale Ewes	10
Corriedale Lambs	4
Caucassian Rams	2
Rambouillet Graded Rams	69
Rambouillet Graded Lambs	349
Kashmir Merino Rams	37



Kashmir Merino Lambs	242
Kashmir Merino Ewes	187
Goats and Kids	96
Bullocks and Ponies	24
Dogs	15
Total	1,704

### Sheep Breeding Farm Billawar/Sarthal

#### Pure Bred Stock

There is no purebred stock at the Farm and Rambouillet rams are usually transferred for breeding purposes from Zaban/Reasi Farm and returned after the breeding season.

#### Breeding

325 ewes comprising of 233 local and 92 Rambouillet crossbred were mated to four Rambouillet rams from October, 1960. Due to late receipt of rams, the breeding could not be conducted earlier, with the result that lambing percentage showed a decrease.

#### Lambing

179 lambs were born during the year giving a lambing percentage of 76.8.

#### Health and Disease

The following treatment and other such work for eradication of common sheep diseases was done at this farm during the year :—

(a) Treatments of non-contagious diseases	2,297
(b) Vaccinations against Black Quarter	759
(c) Vaccinations against Anthrax	596
(d) Vaccinations against H. S.	476
(e) Vaccinations against Lamb Dysentery	615
(f) Vaccinations against African Horse Sickness	6
(g) Serum inoculations against Anthrax	20
(h) Dosing against internal parasites	6,077
(i) Treatments against Dicrocoeliosis	1,448
(j) Dippings	69
Total	12,363



There was an outbreak of parasitic infestation at the farm which caused recurring trouble. The major factor responsible was found to be Dicroceliosis for which effective treatment is still unknown.

### Production of Wool

11 maunds 14 seers of wool were produced at the farm during the year as against 9 maunds 36 seers 3 chts. produced last year.

### Production of Rams

13 improved rams produced at the farm were distributed to the breeders for upgrading of their flocks, during the year.

### Stock

The strength of stock at the close of the year at the farm was 576 as detailed below :—

Local ewes	..	..	..	..	212
Rambouillet crossbred ewes	..	..	..	..	90
Rambouillet crossbred rams	..	..	..	..	39
Rambouillet lambs	..	..	..	..	207
Goats and kids	..	..	..	..	18
Ponies and foals	..	..	..	..	6
Dogs	..	..	..	..	4
Total					<hr/> 576 <hr/>

### Breeding

198 ewes were put for breeding with Rambouillet rams Nos. X 18, X 39.

### Lambing

105 lambs were born during the year, giving a lambing percentage of about 53.05.

### Health and Disease

The following work with regard to the control and eradication of sheep diseases was carried out during the year at the farm :—

(a) Treatments of non-contagious diseases	..	3,893
(b) Vaccinations against Black Quarter	..	862
(c) Vaccinations against Anthrax	..	480



(d) Vaccinations against Lamb Dysentery	..	26
(e) Vaccinations against African Horse Sickness	..	3
(f) Serum Inoculations against H. S.	..	241
(g) Serum Inoculations against Black Quarter	..	50
(h) Serum Inoculations against Anthrax	..	480
(i) Serum Inoculations against other diseases	..	469
(j) Dosings against internal parasites	..	2,319
(k) Dipping against Sheep Scab	..	1,386
Total	..	<u>10,225</u>

### Production of Wool

9 maunds 0 seers  $10\frac{1}{2}$  cht. of wool were produced at the Farm, as against 4 maunds 21 seers 4 chts. produced last year. The wool costing Rs. 2,029 was sold to the Government Woollen Mills, Srinagar and the amount remitted into the Treasury. Apart from this an amount of Rs. 51.45 was received from miscellaneous sources and also remitted in the treasury.

### Stock

The strength of the stock at the close of the year was 326 as against 242 in the last year. The grade-wise distribution of the stock is as under :—

Local ewes	..	..	..	..	66
Local rams	..	..	..	..	4
Rambouillet graded rams	..	..	..	..	19
Rambouillet graded ewes	..	..	..	..	87
Rambouillet graded lambs	..	..	..	..	119
Merino graded ewes	..	..	..	..	21
Rambouillet rams	..	..	..	..	2
Bullocks	..	..	..	..	5
Ponies	..	..	..	..	1
Dogs	..	..	..	..	2
Total	..	..	..	..	<u>326</u>



## Wool Research Laboratory

During the year 6,846 different wool samples were examined in the Wool Research Laboratory for their fibre length, fibre diameter, coefficient of variation in diameter, hairyness or medulation, scouring loss, crimp and density of the fibres so as to get the correct assessment of improvement achieved by different lines of breeding in different generations and at different ages.

## Distribution of Improved Crossbred Ram

56 improved Kashmir Merino and Rambouillet crossbred rams were issued during the year to supplement the breeding rams already existing in the Sheep Development Units. At the close of the year 219 rams were existing in these units. These rams have become very popular with the breeders.

Besides the rams in the Sheep Development Units there are about 100 more rams, in Animal Husbandry Units and Sub-Units Sonawari Block and other breeders not covered by the 16 Sheep Development Units.

## Improved Progeny Born

7,310 improved progeny was born during the year as a result of intensive breeding operations conducted in the 16 Sheep Development Units. About 3,000 more improved progeny is estimated to have been born in breeding flocks other than those covered by 16 Sheep Development Centres. The overall progeny born during the past few years can well be estimated above 30,000. All this progeny is superior in every respect of wool, fleece quality mutton yield, stamina for hardiness, colour etc. to the locals.

## Health and Disease

The following work has been done during the year in regard to the eradication and control of sheep diseases :—

(a) Treatments against non-contagious diseases	..	19,346
(b) Treatments against contagious diseases	..	11,701
(c) Dosing against internal Helminthis with Phenovis, Copper Sulphate and Carbon Tetrachloride	..	1,74,913
(d) Dipping against Sheep Scab	..	19,464
(e) Inoculations and Vaccinations	..	20,628
Total	..	<u>2,46,052</u>

## Castration of Unit Stock

8,881 male lambs and rams were castrated during the year by field staff of the Department in the Sheep Development Units.



First Aid Camps

For the first time in of the State first aid was provided to migratory breeders at the time of their move from highland grazing forsts to lowland areas of Jammu and *vice versa*.

Total  
cattle

	Kashmir	Kashmir	
Sheep Breeding Farm, Jammu	762	280	To provide a
Sheep Breeding Farm, Jammu	2848	100	to provide a
Sheep Breeding Farm, Jammu	600	200	to provide a



## Statement showing the location and the particulars of

Name of the Farm	<i>Area of the Farm</i>	Purpose of the	Farm
	Total	Under cultivation	
	Kanals	Kanals	
Sheep Breeding Farm, Zaban/ Reasi.	769	250	To evolve a superior sheep having better quality and quantity of wool and acclimatised to the local environment by cross-breeding the exotic rams with local ewes.
Sheep Breeding Farm, Billawar/Sarthal.	2,848	100	Do.
Sheep Breeding Farm, Anderwan/Goabal.	600	200	Do.



## Sheep Breeding Farms in J. and K. State during 1960-61

Breed	<i>Strength of the flocks in each breed</i>			<i>No. of rams issued</i>			<i>Average wool yield</i>		
	Rams	Ewes	Lambs	During the year under report	Last year	Year before last	Rams lb. oz.	Ewes lb. oz.	Lambs lb. oz.
Rambouillet.	11	18	27	..	..	..	3-0	4-0	3-0
Corriedale.	4	10	4	..	..	..	7-0	5-0	3-0
Caucassians.	2	..	..	..	..	..	11-0	..	..
Kashmir Merino.	37	187	242	21	102	99	7-0	5-0	3-0
Rambouillet graded.	69	241	349	23	6	23	5-0	4-0	2-0
Local.	..	227	141	..	..	..	..	1-8	0-12
Rambouillet graded.	39	90	207	11	33	..	5-0	4-0	2-0
Local.	..	212	..	..	..	..	..	1-8	..
Rambouillet Rams.	2	..	..	..	..	..	3-0	..	..
Rambouillet graded.	19	27	119	2	7	2	5-0	4-0	2-0
Kashmir Merino.	..	21	..	..	..	..	..	5-0	..
Local.	4	66	..	..	..	..	2-0	1-8	..



**CO-OPERATIVE DEPARTMENT****Charge**

The Registrar Mr. Syed Ahmad held the charge of the Department during the year under report.

**Agricultural Credit and Service Co-operatives**

At the commencement of the year under report there were 547 rural Co-operatives of multipurpose pattern in the State and during the year under review 78 new such Co-operatives were organized raising the number to 625. Besides these there are 745 old Credit Co-operatives with unlimited liability. These have been dormant since a decade and are in the process of merger with the Credit Co-operatives of multipurpose pattern functioning within their area of operation.

**Coverage**

Out of 3,252 villages in Kashmir 2,996 are covered by Credit Co-operatives of multipurpose pattern. In Jammu 1,779 villages out of 3,061 are covered. About 62% of rural families in Kashmir and about 17% of rural families in Jammu are represented on the Service Co-operatives on the basis of population figures of 1951. The Co-operative mode of organization has been extended to Ladakh also and a Service Co-operative, a Consumer Store and a Labour Co-operative of Tibetan refugees have been organized at Leh.

**Membership**

The membership of the Multipurpose Co-operatives or Service Co-operatives increased from 2.17 lakhs to 2.26 lakhs during the period under report. The average membership per society is 362.

**Share Capital and Working Capital**

The Share Capital of these Societies increased from Rs. 2,113 thousands to Rs. 2,720 thousands during the year under report, and average Share Capital per society increased from Rs. 3,881 to Rs. 4,334. To increase the borrowing power of these Societies the State Government entered into financial partnership with 158 Societies and provided Share Capital contribution of Rs. 8,58,750 to them during the period under report. An amount of Rs. 67,000 was provided as subsidy for staff to 372 Service Co-operatives.

Working Capital of the Societies increased from Rs. 141.26 lakhs to Rs. 158 lakhs during the year. On an average Working Capital per Society is Rs. 25,280. The composition of the Working Capital at the close of 1959-60 is given as under :—

(Rs. in thousands)

Year		Owned Fund	Deposits	Borrowings
1959-60	..	2,906	218	11,002
1960-61	..	3,254	392	12,142



**Loans**

During the year under report Rs. 1.8 crores were made as Short Term Loans to agriculturists against Rs. 64.50 lakhs made last year. In addition Rs. 6.60 lakhs were advanced as Fertilizer Loans, which is about 25% of the total credit requirement. The value of the agricultural commodities including fruits and walnuts received in repayment of loan during the year under review was Rs. 87 lakhs.

**Medium Term Loan**

No Medium Term Loan was made by Service Co-operatives during the year because the Co-operatives had not sufficient funds available for investment in Medium Term Loans. During the period under review 56,348 maunds of Fertilizer valuing Rs. 10.90 lakhs and 15,000 maunds of seeds were distributed by the Service Societies to farmers. Basic consumer goods like salt, kerosene oil, sugar etc., of the value of Rs. 89 lakhs were also sold to members during the year.

**Marketing**

During the year under review agricultural produce of the value of Rs. 89.91 lakhs was received by Co-operatives in repayment of loans against the total amount of loan of Rs. 1.08 lakhs advanced during the year, which indicates that about 80% of the loans made have been repaid in kind. Paddy and maize is delivered by Multipurpose Co-operative Societies direct to the Food Department at the nearest receiving Centre and other agricultural commodities such as wheat, pulses, fruits, walnuts, almonds, ghee etc. passed on by Multipurpose Societies to Marketing Societies with which they are affiliated. At the commencement of the year under report there were 36 Marketing Societies and during the year 2 new Marketing Societies were organized raising the number to 38 at the close of the year. Rs. 30,000 were provided as share contribution and Rs. 3,000 as subsidy for staff to 3 Marketing Societies. The Second Plan target of organizing 29 Marketing Societies was thus exceeded.

The Marketing Societies are federated into Provincial Marketing and Supply Societies which enable the constituents to market their goods in the State and outside. They generally deal in fruits, walnuts, almonds, pulses, ghee etc. During the year under review these commodities of the value of Rs. 8.26 lakhs were marketed through these Societies. They also supplied fertilizer and seeds of the value of Rs. 8,81,000 and basic consumer goods such as salt, sugar, kerosene oil of the value of Rs. 57,38,000 to their constituents.

Besides 38 Marketing Societies dealing in multiple commodities referred to above there were following single commodity Marketing Societies in operation :

**Fishermen's Co-operative Society**

The membership of the Fishermen's Co-operative Society has more than double after its revitalization in January, 1960. During the last two seasons of its revitalization it has marketed over 2,000 maunds of fish.



Out of about 600 fishermen of the Wular lake over 60% are registered members of the Society.

### **Milk Supply Societies**

There are 3 Milk Supply Societies in the State, one at Jammu and the other two at Sopore and Kulgam in Kashmir. The Society organized at Sopore has not started functioning as yet. The Milk Supply Society at Kulgam had a membership of 169 during the year under report as against a membership of 88 during 1955. The Milk Supply Society of Jammu, organized in the year 1959-60 with a membership of 77 had membership of 160 during the year under report. The Society received milk from members and supplied it to Army. During the year under review the Society received and sold milk of the value of Rs. 5,94,000 and Rs. 6,76,000 respectively.

### **Saffron Growers Society**

The membership and the Share Capital of the Society stood at 493 and Rs. 16,440 respectively during the year under report. The Government provided a subsidy of Rs. 5,000 to the Society. The Society has about 12,000 tolas saffron in stock for sale.

### **Seed Growers Co-operative Society**

Seed Growers Co-operative Society has a membership of 129 and Share Capital of Rs. 2,103. The Society has so far borrowed an amount of Rs. 1,08,376 from the Bank for providing finance to its members. The Society received seeds of the value of Rs. 4,427 from members for marketing. The sale of vegetable seeds did not fulfil the target.

### **Co-operative Banks**

The banking structure consists of three Central Banks, two in Kashmir and one in Jammu Province and the State Co-operative Bank at the top.

### **Owned Funds**

The owned funds of the Banks during the year under report increased from Rs. 10,04,000 to Rs. 14,90,508. The composition of the owned funds is given hereunder :—

(1) Paid-up Share Capital	..	Rs. 8,11,519
(2) Reserve Fund	..	Rs. 2,48,376
(3) Bad Debt Reserve and other funds	..	Rs. 4,30,613

### **Share Capital**

The paid-up Share Capital of the Banks registered an increase from Rs. 5,10,000 to Rs. 8,12,000. The additional Share Capital was mainly aised from members of the Society.



**Reserve Funds**

The Reserve Fund of the Banks stood at Rs. 2,49,000 at the close of the year under report.

**Deposits**

The deposits held by the Central Co-operative Banks stood at Rs. 30,96,000 during the period under report.

**Working Capital**

The increase in owned funds and the increase in the borrowings resulted in the rise of working capital from Rs. 1,01,94,000 to Rs. 1,22,69,627 of the Banks during the period under report. The composition of the working capital of these Banks at the close of the year is given hereunder :

(1) Owned Funds	..	Rs. 14,90,508
(2) Loans	..	Rs. 76,82,639
(3) Deposits	..	Rs. 30,96,480

**Advances**

During the year under review the Banks advanced an amount of Rs. 8,831. The bulk of the advance have been made to Multipurpose Agricultural Credit Societies for providing short term loans.

**State Co-operative Banks**

The State Co-operative Bank functions as Central Co-operative Bank for Srinagar District.

**Paid-up Share Capital**

The paid-up Share Capital of the Bank increased from Rs. 16,13,000 to Rs. 1,86,91,000 during the year under review, composition of which at the close of the year was as under :—

		(Amounts in thousands)
(1) Government	..	Rs. 1,505
(2) Central Societies	..	Rs. 142
(3) Primary Societies	..	Rs. 165
(4) Individuals and others	..	Rs. 47

**Owned Funds**

The owned funds of the Banks increased from Rs. 2,072 thousands to Rs. 2,631 thousands, during the period under report. The increase was due to increase in the Share Capital.



## Borrowings

During the year under report the Bank borrowed an amount of Rs. 86,43,000 from the State Government and Rs. 30,00,000 from Reserve Bank of India.

## Deposits

The deposits held by the Bank stood at Rs. 1,982 thousands during the year under report.

## Advances

During the period under report the Bank advanced loans to the tune of Rs. 21,079 thousands. Types of Societies accommodated are given as under :

S. No.	Type of Societies	Amount advanced
1	Central Bank	Rs. 78,21,540
2	Industrial Co-operatives	Rs. 8,24,862
3	Agricultural Credit Society of Srinagar District	Rs. 42,57,609
4	Marketing Societies	Rs. 81,74,868

Almost all loans advanced were essentially short term or cash credit. No loans were made to individuals.

## Co-operative Farming

Co-operative Farming was first experimented in the State in 1948 at Gopalpora about 8 miles from Srinagar. The Society worked well for some time and then ran into difficulties. It got involved in protracted litigation and the Society became dormant. The other Co-operative Farming Society at Agrachak met the same fate. One more Society was registered at Sheerpur Pain at Jammu which did not start work because it could not get tractors.

During the year under report one more Co-operative Farming Society was registered at Qilla Darhal in Nowshera Tehsil of Jammu Province. The Society has a membership of 40 share capital of Rs. 3,500 and working capital Rs. 52,500.

The Gagriyal Co-operative Farming Society also continued to function in spite of difficulties.

## Consumer Co-operation

During the year under report agricultural requisities such as fertilizer and seeds and basic consumer goods such as salt, sugar, kerosene oil, etc. of the value of Rs. 89.95 lakhs were supplied through Co-operatives in the entire valley of Kashmir and parts of the Jammu Province.



Two Primary Consumer Stores were also organised, one at Jammu and the other at Poonch.

### Non-Agricultural Credit Societies

The number of non-agricultural credit societies stands at 87. No new organisation of non-agricultural credit co-operatives was undertaken during the year. The operation of these societies for the year 1960-61 is shown as under :

(1) Membership	..	3,000
(2) Paid-up Share Capital	.. Rs.	1,29,000
(3) Reserve and other Funds	.. Rs.	14,000
(4) Borrowings from Central Bank	.. Rs.	4,90,000
(5) Loans advanced	.. Rs.	1,08,000
(6) Loans recovered	.. Rs.	56,000
(7) Loans outstanding	.. Rs.	6,13,000
(8) Loans overdue	.. Rs.	1,98,000

### Industrial Co-operatives

The following crafts have been organised on co-operative basis in the State :

- (1) Pashmina Embroidery.
- (2) Carpet.
- (3) Papier-machie.
- (4) Wood Carving.
- (5) Chain Stitch.
- (6) Turquoise.
- (7) Gabbas.
- (8) Wicker Works.
- (9) Nut Crackers.
- (10) Raffal Embroidery.

The share capital of the societies at the end of the year stood at Rs. 44,553 and the working capital at Rs. 5,88,477.



During the year under report share capital and the working capital have increased by Rs. 16,430 and Rs. 47,475 respectively. During the year Government provided Share Capital and Working Capital loan of Rs. 10,000 and Rs. 1,13,000 respectively for 114 and 235 members. The industrial co-operatives produced and sold goods of the value of Rs. 2,18,110 and Rs. 2,67,083 respectively. The working of two Common Facility Centres, one for Wood Carving Workers and another for Gabbas also improved. In the year 1960-61 the Wood Workers Centre manufactured and sold furniture worth Rs. 6,805. The Common Facility Centre for Gabbas at Anantnag has also started dyeing blankets, Pattoos, cotton etc.

Goods valuing Rs. 83,960 were sent for sale to the Indian Co-operative Union during the year under review against goods valuing Rs. 32,253 in the preceding year.

### Small Scale Industrial Co-operatives

There were two oil Ghunnies and one Gram Udyog Sahkari Sangh besides the above.

### Handloom Industrial Co-operatives

15 Spinners and Weavers Co-operatives with a membership of 988 were organized up-till the end of the year. 6 more Weaver Co-operatives were under organization.

Spinners Co-operatives were engaged in spinning of silk yarn from cocoon waste, Pashim and wool. The Weavers Co-operatives weave the silk yarn, Pashim, Wool and Cotton yarn into cloth. During the year under report these Societies manufactured and sold cloth of the value of Rs. 3,87,654 and Rs. 4,36,175 respectively. By working on co-operative basis there has been an increase in the wages of artisans ranging from 25% to 50%.

The financial assistance provided in the form of loans and subsidy during the 2nd Plan for the development of handloom is indicated as under :—

Year	Loan for share capital, working capital and machinery	Subsidy for staff etc.
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1957-58	Rs. 43,680.29	Rs. 21,193.54
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1958-59	Rs. 29,567.50	Rs. 1,21,010.00
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1959-60	Rs. 25,662.50	Rs. 1,33,670.00
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1960-61	Rs. 17,480.00	Rs. 1,19,780.00
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Training arrangements have been made for training the artisans in the preparation of Banarsi pattern of silk. Training Centres have also been set up for cotton weaving both in Jammu and Kashmir.



### Press Workers Co-operative Societies

The membership of the Society at the close of the year under report was 26. The operation of the society for the year 1960-61 is given here under :

1. Membership	..	26
2. Paid-up share capital	.. Rs.	10,992
3. Deposits	.. Rs.	1,275
4. Borrowings	.. Rs.	72,091
5. Working capital	.. Rs.	84,358
6. Owned funds	.. Rs.	12,157

### Labour Co-operatives

At the close of the year under report there were two Labour Co-operatives in the State, one in Jammu Province at Kathua and the other at Leh (Ladakh). The membership of these Co-operatives at the close of the year was 703.

### Transport Co-operatives

During the year under report one more Rickshaw Drivers Co-operative Society was organized at Srinagar with a membership of 97. The Society has purchased 15 Auto-Rickshaws and has provided employment to 15 member drivers. Thus the total number of Transport Co-operatives at the close of the year was 3. The phases and financial position and other information about the Societies is given hereunder :—

1. Membership	..	971
2. Number and value of Vehicles purchased	..	24
3. Deposits	.. Rs.	22,000
4. Share Capital	.. Rs.	67,000
5. Borrowings	.. Rs.	2,69,000
6. Working Capital	.. Rs.	3,60,000
7. Owned funds	.. Rs.	67,000

### Training and Education

Whole of the State has been brought under the peripatetic training scheme. 496 office bearers, 829 Committee members and 13,303 members and potential members have received the training under the scheme.



The Co-operative Training School, set up for training the subordinate personnel of the Co-operative Department and Co-operative Institutions trained 47 subordinate personnel of Co-operative Societies and Department. Of these 10 passed the qualifying examination during the year 1960-61.

24 Officers of senior and intermediate cadre have been sent for training from the State to Institutions set up by the Central Committee for Co-operative Training of Reserve Bank of India for the purpose.



## DIRECTORATE OF GEOLOGY AND MINING

### Administrative Set-up

The Department was placed under the administrative and technical control of Shri D. R. S. Mehta, who functioned as Director and whose services were secured from the Geological Survey of India.

The following Sections in the Directorate were created during the period under review :—

1. Drilling.
2. Drawing and Map Section.
3. Topographical Survey Section.
4. Petrological Laboratory.
5. Chemical and Mineral Testing Laboratory.

### Field Work

This organisation carried out substantial field work during the year under report, the details of which are as follows :

(i) Investigation of China clay, Fire clay, Ball clay etc. in the Ladda (Jangalgali) coalfield area, in the Jammu Province for the proposed Ceramic Factory at Jammu was taken up.

(ii) Detailed investigation of China clay deposits in the Muttal Lain area (Jangalgali) in addition to Ladda area was taken along with the investigation of refractory clays. The activities relating to geological investigation in this area were intensified and work was extended to the Katra area. Investigation of China clay deposits at Kunian Pattal was also taken up and completed by the end of the year under report.

(iii) Investigation of limestone and clay deposits near Khonmuh in Kashmir, to serve as raw material for the Cement Factory was taken up. The analysis results of the samples of limestone collected from the vicinity of Khonmuh showed that this limestone was not suitable for cement manufacture. The investigation was, therefore, shifted to Wuyan area.

(iv) A party was organised and deputed to take up the investigation of graphite in Uri Tehsil and lignite in Badgam Tehsil.

(a) Preliminary investigation of graphite deposits of Uri Tehsil was conducted.

(b) Investigation of lignite was taken up in 3 blocks, namely Arigam, Nargund and Lanyalab selected tentatively for the purpose of exploring possibilities of exploitation of lignite in these areas.

The Directorate continued to give particular attention to the task of collection and consolidation of technical data for a number of mineral development projects.



(v) Geological investigation of limestone for manufacture of cement at Kalakot (Jammu Province) was also taken up which was, subsequently postponed because of the shortage of technical personnel.

(vi) Geological investigation relating to the abrasive material and ochres in Kashmir valley was taken up.

One Cwt. sample of abrasives, namely Novaculite and Gangamopteris Shales, was sent for testing purposes.

The investigation had to be suspended subsequently on account of the non-availability of technical personnel.

Besides the above, the following work was carried out by the Department :—

1. The spots between Banihal, Ramban and Batote in July, 1960 were examined and a report on the investigation was submitted to Government.

2. Geological investigation of Kishtwar Tunnel-cum-Canal Project as also the preliminary geological mapping of the area was carried out.

3. The geological investigation of Lidder Tunnel-cum-Canal Project as also the preliminary geological mapping of the area was taken up on behalf of the P. W. D.

4. The investigation of the foundation conditions and underground water supply at the proposed site for the cement factory at Khonmuh was completed. Subsequently this work was taken up at an alternative site at Wuyan.

5. During October, 1960 a reconnaissance survey of the following projects of the Flood Control Department, J & K was made in Baramulla area.

(i) Sheri Gantamula Lower Jhelum Project.

(ii) Construction of open channel from Kitshon to Pringal.

6. A field party was deputed to take up the geological investigation of Chenani Hydro-Electric Project on behalf of the Electrical and Mechanical Department.

### Mineral Production

The Directorate was engaged in the production of lignite, coal, gypsum, clays, baryte etc. either departmentally or through contractors appointed by it for the purpose.

(i) About 2,00,000 mds. of lignite produced from Nichihama mines were supplied to the Army during the year under report.

The total production of lignite, during the year stood at 1,28,090 maunds valuing Rs. 1,57,420.88.



(ii) The interim arrangements for production of coal from Kalakot and Jangalgali Coal Mines were finalised. Total gross revenue accrued to the Government on account of production of coal during the year amounted to Rs. 1,50,054.63.

(iii) The Directorate was supervising the production of fire clay, baryte, steatite, quartzite etc. for supply to Government Pottery Factory, Srinagar and Government Paints and Mineral Factory, Jammu for manufacture of crockery, paints etc.

(iv) Six hundred mds. of gypsum were extracted from Buniyar and 1,000 mds. were extracted from Kanderi Nala on contract basis.

### Expenditure

The total budget provision under the head Industries & Supplies-Deduct Working Expenses on account of "D-Coal Scheme" was Rs. 4,000. The expenditure during the year stood at Rs. 3,675.

### Receipts

The Revenue from mining lignite registered decrease and stood at Rs. 1,57,420.88 as against original estimate of Rs. 7,00,000.

The revenue under the head XXXII Industries and Supplies D-Coal Scheme, which consists of departmental revenue on the production of coal for the first half of the year 1960-61 was about Rs. 35,000. The revised estimates were accordingly estimated to be Rs. 70,000 as against the original estimates of Rs. 20,800.

There was considerable intensification in the mining activities at Kalakot Coal Mines as a result of which the coal production registered appreciable increase after the first half of the year under report and the revenue receipts under this head rose to Rs. 1,50,054.63 from Rs. 70,000.

### Miscellaneous

(i) A study and proper classification of over 2,000 specimens of rocks and minerals was made. The specimens were also tested by a Geiger Counter for any clues to radioactive deposits. A pavilion was organised by the Directorate in the Industrial Exhibition, Srinagar bringing out the mineral potentialities of the J & K State.

(ii) One Geological Assistant was deputed to join the field training course at Calcutta under the programme sponsored by G. S. I. The training course lasted for 2½ months.

(iii) A large number of samples of various minerals collected from different places of geological interest were forwarded to different laboratories in India and abroad for necessary tests.

(iv) A field party was deputed in second half of the month of March, 1961 to collect 5 tons of lignite sample from Nichahama lignite fields for despatch to the Director, Central Fuel Research Institute, Ranchi to conduct tests for manufacturing briquettes of the lignite for use as domestic fuel.



## REVENUE DEPARTMENT

### Administrative Control

The charge of the Department during the year under report was held by Shri M. M. Siddiqi, Financial Commissioner.

### General Condition of Crops

Rainfall and crop conditions were normal during the year under report. The area under crops has slightly increased.

### Territorial Changes

A slight change was made in the boundaries of Teshil Rajouri and Nowshera. Patwar Halqa Harichuma was transferred from Tehsil Rajouri to Tehsil Nowshera in the interest of public convenience.

Zanskar area of Tehsil Kargil, which was formerly a Niabat, was upgraded to a full-fledged Tehsil. Drass area of Tehsil Kargil was raised to the status of Niabat. Besides it a new Patwar Halqa namely Satrana has been created in Tehsil Ganderbal.

### Reconstruction of Record Work

Settlement operations and reconstruction of records organisation continued in Baramulla, Anantnag and Srinagar Districts respectively. A new Department for the work of consolidation of holdings was created and Tehsils Ganderbal and Sonawari in Srinagar and Baramulla Districts respectively have been firstly put under operation by this Department.

The reconstruction of records work was disbanded in Jammu Province with effect from 31-12-1960 and the work was handed over to the territorial Tehsildars.

### Mutations

The position with regard to attestation of mutations is as under :—

	No. of mutations attested
Kashmir Province (Revenue)	23,217
(Sett)	9,352
Jammu Province (Revenue)	} 5,768
(Sett)	
<b>Settlement Work</b>	

The work in Tehsil Uri was completed and the new assessment announced and brought in effect from Rabi 1961. Major portion of work in Tehsils of Baramulla and Sopore was completed during the year and assessment reports were also written and submitted. The work in other Tehsils was accelerated and the measurement work completed.



**Live-Stock**

The position with regard to live-stock remained normal in Jammu Province. African horse-disease broke out in certain parts of the Province, but was controlled by taking effective measures. The epidemic has been eradicated, especially in Paddar.

**Cultivated Area**

The area under principal crops during the year is shown below :—

	Area in Lakhs
Rice	5.59
Maize	5.34
Wheat	4.25
Pulses	1.28
Oil-seeds	0.79
Other crops	0.70
Fruits and vegetables	2.11
Total	20.06

**Area Irrigated**

The area irrigated during the year with source-wise break-up is indicated below :—

	Area in Lakhs
State Canals	1.66
Private Canals	5.57
Wells and Tube-Wells	0.07
Other sources	0.22
Total	7.52

**Land Revenue**

	Total demand recoverable during the year	Recoveries	Under suspension	Unrecovered
1	2	3	4	5
Jammu	76,79,916.00	19,35,698.00	35,50,909.00	11,93,482.00
Kashmir	23,69,026.69	20,81,807.66	39,37,316.70	8,08,448.02



**Crop Estimation Survey**

Crop Estimation Survey continued under the technical control of the Directorate of National Sample Survey, Government of India. The crops taken up for experiments were paddy, maize and wheat and the yield obtained per acre is indicated below :—

Kharif 1960

Rabi 1961

- 
- |          |                         |
|----------|-------------------------|
| 1. Paddy | .. 26.27 mds. per acre. |
| 2. Maize | .. 14.62 mds. per acre. |
| 3. Wheat | .. 6.82 mds. per acre.  |

The management and the administration of the Nazool property in accordance with the provisions of Jammu and Kashmir Land Grant Act, 1960 was transferred to the Collectors of the districts in respect of such property situated within their respective jurisdiction, subject to the direct control of the Financial Commissioner.

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## EXCISE AND TAXATION DEPARTMENT

### Administration

During the year under report Kh. Abdul Rashid, Excise and Taxation Commissioner remained in charge of the Department and M/s Sukhchain Singh Pathania and Ghulam Nabi Draboo functioned as Dy. Excise and Taxation Commissioners (Executive) Jammu and Srinagar respectively.

### Receipts

The total revenue collections and the corresponding expenditure for the last 4 years are given below :—

	Revenue	Expenditure
	Rs.	Rs.
1957-58	.. 1,07,02,659	6,59,274
1958-59	.. 1,45,12,961	8,24,733
1959-60	.. 1,92,88,831	11,65,802
1960-61	.. 2,08,41,137	9,71,198
	+13,82,691	+17,842
	on account of 'IX-Stamps'	on account of '9-Stamps'

Installation of a weight bridge at Lakhanpur helped in checking evasion of toll. Two more weight bridges were set up at Tawi in Jammu and Chattabal, Srinagar towards the close of the year under report.

The development of Kathua Town and the construction of Canal there have given rise to some smuggling of goods to avoid payment of toll. The existing posts are not able to check evasion and accordingly setting up of two more minor posts at Jarai and Draukari have been proposed.

The following statement discloses the total annual receipts of the Department under various heads :—

Heads of Revenue	1958-59	1959-60	1960-61
1 Octroi	.. 25,09,409	29,35,428	33,68,766
2 Road Toll including Additional Toll Excise	.. 75,05,483	1,12,71,733	10,24,79,560
3 Excise	.. 24,71,418	24,70,278	42,43,465
4 Petrol Sales Tax	.. 13,59,761	10,84,425	14,34,846
5 Stamps	.. ..	12,22,974	13,82,691
6 Sales Tax	.. 3,49,390	3,30,504	10,48,583
7 Entertainment Tax	.. 3,47,499	3,89,803	4,97,518



The reasons for increase or decrease under the above heads of receipt are given below :

- (i) *Octroi*.—There is an increase of Rs. 4,33,338 under this head which is partly due to the effective supervision and partly due to increase intrading and constructional activities.
- (ii) *Road Toll*.—There is a decrease of Rs. 10,23,773 under this head which has been caused by the lesser imports of food grains into the State because of food crops during the year under report.
- (iii) *Excise*.—This head of revenue has a increase of Rs. 17,73,187. The reason for it is mainly due to the check of illicit distillation entering Jammu city which has resulted in increased sales at Government controlled liquor shops.
- (iv) *Petrol Sales Tax*.—Against a decrease of revenue under this head during 1959-60 there has been an increase in revenue by Rs. 4,49,621 during the year under report. This has been due to the consumption of petrol in larger quantities because of opening of new routes and increased tourist traffic.
- (v) *Stamps*.—There has been an increase of Rs. 1,59,717 under this head which is mainly due to the relaxation of rules relating to the purchase and the sale of immovable property in the State.
- (vi) *Sales Tax*.—Rs. 7,18,079 have been collected more than the year 1959-60 under this head. This is due to the fact that prior to the year 1960-61 only motor vehicles were charged sales tax, whereas during the year under report some luxury articles were subjected to sales tax which was increased from 3% to 5%.
- (vii) *Entertainment Tax*.—This revenue has also marked an increase of Rs. 1,07,715.

#### Road Toll and Octroi Tariff

1. Export of walnut wood was banned.
2. The Indian Red Cross Society was exempted from payment of octroi duty and road toll in the State.
3. J & K branch of the Indian Red Cross Society was also exempted from payment of octroi duty.
4. Motor Spirit Taxation of Sales Rules were amended enhancing licence fee from Rs. 5 to Rs. 100 in case of issue of a fresh licence and fixing renewal fee at Rs. 50 per licence for retail sale.
5. A Government order on export of walnut stumps was issued. Another Government order was issued in connection with inter-provincial



movement within the State and export from the State of potatoes and chillies.

6. Ban on movement of potatoes and chillies was lifted.
7. Central workshops were given exemption from payment of octroi duty on machinery.
8. The rate of road toll at Rs. 10 per vehicle at Lakhanpur was enhanced.
9. Fertilizer imported on Government account was exempted from octroi duty.
10. Taxable goods under the General Sales Tax Act were specified.
11. General Sales Tax Rules were amended.
12. The Inspector was empowered to implement the provisions of section 15 of the J & K Motor Spirit Taxation of Sales Act.
13. Octroi Act (Section 11) was amended.
14. The rate of toll at Lakhanpur was fixed at Rs. 15 on station wagons, cars, jeeps and vans when carrying goods.
15. Sections 33, 48, 49, 50(a), 55 & 50(b) of the Excise Act were amended.
16. Definition of opium was made more comprehensive.

#### Imports

The amount of increase in revenue in chief articles of imports under the head 'Octroi' is shown hereunder :

#### In Jammu Province

	Rs.
(i) Pulses & other Grains .. .. .	31,969
(ii) Fruits Fresh and Dry .. .. .	77,904
(iii) Building Material .. .. .	47,457
(iv) Food Grains .. .. .	15,533

#### In Kashmir Province

(i) Milk, Eggs, Ghee etc. .. .. .	7,153
(ii) Tea and Coffee .. .. .	6,385



(iii) Fresh and Dry Fruits	..	..	..	14,372
(iv) Living Animals	..	..	..	8,092
(v) Lubricating Oil	..	..	..	6,473
(vi) Stones, Bricks etc.	..	..	..	7,150
(vii) Timber all sorts	..	..	..	16,547
(viii) C. P. Goods, Raw Wool & Yarn	..	..	..	15,299
(ix) Drugs, Spices and Medicines	..	..	..	11,834
(x) Cigarettes	..	..	..	10,380
(xi) Leatherware	..	..	..	18,611
(xii) Iron and Iron Manufacture	..	..	..	39,803
(xiii) Hyberdashery	..	..	..	..
(xiv) Sanitary fitting, Lorries, Motors etc.	..	..	..	10,015
(xv) Soap and Toilet	..	..	..	3,780
(xvi) Stationery and Paper	..	..	..	10,356
(xvii) Crockery and Glassware	..	..	..	4,356

The number of cases detected by the Patrol staff during the year under report is as under :

				Octroi	Excise
Jammu Province	..	..	..	179	265
Kashmir Province	..	..	..	95	20

### Imports

The total imports during 1960-61 at Lakhanpur and Banihal Toll Posts have been recorded as 81,19,305 and 32,66,089 maunds respectively. The chief articles of imports have been as under :

### IMPORTS

Banihal :				Maunds
Food Grains	..	..	..	9,01,997
Iron Manufacture	..	..	..	62,340
Cement	..	..	..	1,82,265



Edible Oil ..	..	..	..	54,558 Maunds
Petrol ..	..	..	..	2,31,711 Gallons
Diesel ..	..	..	..	6,14,437
Salt ..	..	..	..	3,23,129
Refined Sugar ..	..	..	..	1,28,549
Wheat ..	..	..	..	1,84,397

## Lakhanpur :

Coal ..	..	..	..	2,21,134
Fresh Fruits ..	..	..	..	1,76,352
Pulses ..	..	..	..	2,02,230
Rice ..	..	..	..	6,76,946
Round Iron ..	..	..	..	1,04,590
Cement ..	..	..	..	10,45,843
Oil ..	..	..	..	1,33,554
Diesel Oil ..	..	..	..	3,59,701 Gallons
Salt ..	..	..	..	5,49,667
Sugar Refined ..	..	..	..	2,98,171
Gur Shakkar ..	..	..	..	2,91,298
Tea ..	..	..	..	82,928



**REHABILITATION DEPARTMENT, JAMMU****Administrative Control**

The charge of the Department was held by Sheikh Ghulam Rasool during the year under review.

**Land**

Although the allotment of land has almost been made to all the refugees of the non-liberated area of the J & K State, yet in some cases deficiency in land unit exists and in some cases refugees employed in Military who could not get land are now being given lands. During the year under report, 152 families of the non-liberated area were given 1,288 kanals of land and 146 families were allotted 3,504 kanals of land for making up of deficiency in land. Besides this, 23 families were given 562 kanals of land in exchange. In addition to the above allotment of land, making up of deficiencies has also been made by Tehsildars.

**Hutment Grant**

In all 8,780 families were entitled to the payment of hutment grant, but in the first phase only Rs. 4,00,000 were sanctioned for 4,000 families who were living at concentration places. Afterwards another amount of Rs. 4,20,000 was sanctioned. Out of this amount of Rs. 3,52,600 have been disbursed to 3,526 families during the year under review.

**Jammu Colony**

Out of 1,450 quarters 1,177 were allotted in the previous years and out of the remaining 273 quarters 173 have been allotted to 125 families during the year under report and remaining 100 quarters have been reserved for border refugees. Out of 550 plots proposed to be made on the request of refugees, 50 plots have so far been allotted to 31 families.

**Border Loan**

Out of remaining balance of Rs. 25,00,000 out of Rs. 60 lacs allotted by the Government of India Rs. 8 lacs were released during the year under report and out of this amount Rs. 7,08,532 have been distributed to 7,176 raids-affected families.

**Ex-Gratia Grant**

A scheme to give *ex-gratia* grant to the refugees of the State was announced in Feb., 1960 to settle the claims of the refugees of non-liberated areas of the State. It was decided to give the following assistance to the refugees:

(a) Families settled on agricultural land will be given relief in the form of the complete remission of loans where such loans are Rs. 1,000 or less. Families which have received loans less than Rs. 1,000 will be given the balance in cash to make up the difference between the loan already given and Rs. 1,000.



(b) Agricultural families settled on land who have received no loans will be made an *ex gratia* grant payment of Rs. 1,000 in cash.

(c) In the case of families settled elsewhere than on land, the *ex gratia* payment will be made at the rate of Rs. 3,500 per family minus public dues, which will include any unpaid instalments of loans and interest thereon, arrears of rent cost of allotable property etc.

The *ex gratia* grant will be payable in the case of urban families only to such families whose present income is Rs. 150 per month or less. Where the income is more than Rs. 150 per month relief will be limited to remission of any such dues from the family in the shape of unpaid loans and interest up to a maximum of Rs. 3,500.

The scheme actually started functioning after August, 1960. 832 applications duly filled in by the migrants were forwarded by the Department to the Assistant Settlement Commissioner.

#### **Aid to Deserving, Poor and Destitute Students**

The amount of Rs. 5,000 provided in the Budget during the year under report for aid to students for text books and stationery articles have been distributed in 31 schools of the Jammu Province and 236 students were provided this help direct by this Department.

#### **Relief**

During the year under report a sum of Rs. 2,00,000 was provided for grant of relief and has been operated by the Custodian-cum-Provincial Rehabilitation Office.

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## EMERGENCY RELIEF ORGANISATION, KASHMIR

Fire has been the main natural calamity responsible for loss during the year under report, though minor damages and a few deaths have also been caused by heavy rains, heavy snowfall, lightening, hailstorm, drowning in river, landslide and bursting of an unexploded shell.

Anantnag District suffered worst of all, as its estimated loss was Rs. 46 lakhs which included loss of Rs. 43 lakhs caused by fire in June, 1961. Next comes Srinagar District with an estimated loss of Rs. 9 lakhs. Bara-mulla stands third with an estimated loss of Rs. 2 lakhs.

Against the budget provision of Rs. 10 lakhs under relief grant an additional amount of Rs. 10 lakhs was also provided during the year for payment of relief to the fire sufferers of Anantnag (June 1961) and supplying them free timber. Thus out of the total provision of Rs. 20 lakhs an amount of Rs. 16 lakhs was paid on account of gratuitous relief to the sufferers from natural calamities of various districts and an on account payment of Rs. 3 lakhs was made to the Forest Department for supply of free timber to the fire sufferers of Anantnag. Blankets costing Rs. 28,820.00 were also supplied free of cost to these sufferers.

Besides, an amount of Rs. 48,000 was spent on the maintenance of Tibetan Refugees in Id-Gah Camp at Srinagar. Rs. 21,000 were utilized through this office on various relief measures and the unutilized balance of Rs. 2,000 was surrendered to the Government.

About 150 relief cases which were beyond the competence of the Deputy Commissioners, were received and settled by this office during the year under report.

Reimbursement claim in respect of an expenditure of Rs. 180.29 lakhs on account of gratuitous relief and flood restoration works from 1957-58 to end of March, 1961 was referred to the Government of India. It has not yet been finally settled.

Donations amounting to Rs. 29,804.00 and Rs. 114.11 were received during the year for 'Anantnag Fire Relief Fund' and 'Jammu and Kashmir Relief Fund' respectively. An amount of Rs. 10,000.00 was paid by debit to Anantnag Fire Relief Fund to the Deputy Commissioner, Anantnag for effecting improvements in the newly built colony at Anantnag.

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**EVACUEE PROPERTY, KASHMIR****Administration**

Kh. Mohammad Rajab held the charge of the Custodian Evacuee Property, Kashmir during the year under report.

**Main Activities**

The Custodian undertook frequent tours to look to Evacuee Property throughout the province during the year under report. The main activities of the Department were (1) evicting unauthorised possessors of evacuee property (2) detecting the concealed evacuee property and (3) recovery of arrear rent from tenants.

**Income and Expenditure**

The income received during the year was of the order of Rs. 1,75,502 and against this an expenditure of Rs. 1,16,818.62 was incurred on the proper maintenance etc. of the Department.

**Disposal of Claims etc.**

About 26 properties were declared and notified as evacuee property out of six claims filed under Section 8 of the Evacuee Property Act. Three claims were decided during the year.

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**EVACUEE PROPERTY, JAMMU****Administration**

Sheikh Ghulam Rasul held the charge of the Custodian Evacuee Property, Jammu during the period under report.

**Registration of Evacuee Property**

A special staff consisting of 3 Patwaries and one Girdawar, continued their work of registration of evacuee property initially started in the Tehsils of R. S. Pura and Jammu and 76 villages, 2,326 houses, 7,921 trees and 66,434 kanals of land in total were covered during 1959-60 and 1960-61.

**Income of Evacuee Property in Jammu City and Muffasil**

An amount of Rs. 1,62,800 was realised as rent of the evacuee property in Jammu city during the year under report.

**Expenditure**

The details of expenditure are as under :—

Administration charges	Rs. 92,585
Maintenance and repairs	Rs. 1,73,973
Original works 1959-60	Rs. 5,99,949

The maintenance of the evacuee property being the main duty entrusted to the Custodian, the Department has repaired 430 houses during 1960-61. Besides 172 houses and shops were constructed during the year 1959-60 and 1960-61.

**Other Activities**

155 appeal cases were received during the year 1960-61. Out of 177 cases pending at the beginning of the year under report 75 cases were decided during that year and at the end of the year 102 cases were pending.

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**SS & A BOARD**

The following measures have been undertaken by the J & K SS & A Board during the period under report for the welfare of *ex-servicemen* and the dependents of deceased soldiers :—

- (i) Relief of grants amounting to Rs. 41,575.53 have been paid in cash to about 800 *ex-servicemen* and dependents of deceased soldiers of the State from the Board's Funds.
- (ii) Two sewing machines were distributed free of cost to deserving widows and disabled *ex-servicemen* for earning their independent living. One trained disabled *ex-serviceman* was granted a sewing machine free of cost.
- (iii) About Rs. 1,380 have been granted by the Red Cross Society to ten *ex-servicemen* suffering from T. B. during the period under report.
- (iv) One disabled *ex-serviceman* has been trained from Q. M. T. School Kirkee in tailoring.
- (v) 146 college and school-going students have been granted scholarships ranging from Rs. 5 to Rs. 20 during the period under report. One scholarship of Rs. 75 p. m. is being paid to an *ex-serviceman* who is under training in higher classical musical course at Lucknow.
- (vi) Seven boys (sons of *ex-servicemen*) have been admitted in Public School Nabha and a stipend of Rs. 1,500 P. A. has been paid to each of them. Two such stipends are paid by the Board and five by the J & K Government.
- (vii) An *ex-serviceman's* son has been granted a loan of Rs. 8,000 for higher studies in pharmacy in U. S. A.
- (viii) *Ex-servicemen* are being recommended by the District Boards for admission in technical institutions in the State for training. A stipend of Rs. 25 p. m. is being granted to them by the Defence Ministry.
- (ix) (a) The DSS & A Board Hostels at Jammu, Samba, Kathua, Udhampur and Rajouri have been functioning smoothly.
- (b) A building for DSS & A Board office-cum-hostel, Srinagar is being purchased.
- (x) (a) About 60 family pension cases of the deceased Border Scouts out of 100 cases have been sent to the Government for sanction.
- (b) Five cases out of about 26 of Border Scouts who were wounded or disabled in action in 1947 have been initiated for grant of gratuity.
- (xi) (a) The following co-operative societies to resettle *ex-servicemen* in the State have been started :—



1. A co-operative milk society at Rajouri started supplying milk to the Army stationed there.
  2. A co-operative milk society of *ex*-servicemen of Jammu.
  3. A transport co-operative society of *ex*-servicemen has been registered by the Registrar, Co-operative Society.
- (b) Three *ex*-servicemen's Co-operative Farming Societies has been formed by the Joint Registrar, Co-operative Societies, Jammu.
- (c) Practically all reufgee *ex*-servicemen have been settled. Land has also been allotted to quite a number of landless *ex*-servicemen.
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## WEIGHTS AND MEASURES DEPARTMENT

During the year 1960-61 steps were taken for enacting the necessary State legislation on standardising weights and measures in accordance with the metric system. The Weights and Measures (Enforcement) Act was passed in the Budget Session of the Legislature.

For a successful introduction of the metric system it is essential to popularise the system amongst the public, particularly the traders. Accordingly a publicity campaign has been taken in hand. A survey of shops and commercial establishment is under way. The Government of India have applied the provisions of the Standard of Weights and Measures Act in so far as they relate to weights throughout the State, and so far they relate to measures to some selected undertakings, from 1st April, 1961. Old weights and measures hitherto in use will remain in use for two years in the former, and one year in the latter case.



**P. W. D. (R & B) KASHMIR****General Administration**

The charge of the P. W. D., Kashmir Province continued to be held by Shri P. N. Wanchoo, Chief Engineer, for the year under report.

**Financial Results****(a) Revenue Realised**

The total revenue realized during the year under report amounted to Rs. 7,97,915.39. The figures do not include rents realized from hutments at Pahalgam and income on account of road toll.

**(b) Budget Grants**

The Budget grants under the various heads during the year under report amounted to Rs. 2,63,84,487 as per details given below :—

**Major Head 81—Capital outlay on civil works outside the Revenue account****(a) Communication**

	Rs.
(1) Communications	25,34,000.00
(2) Major Bridges	1,08,000.00
(3) Rural Roads Plan	5,44,000.00
(4) Works Reserve	3,11,000.00
(5) Rural Reads (Non-Plan)	13,75,100.00
(6) Bridges (Non-Plan)	8,15,100.00
Total	56,87,200.00

**(b) Buildings**

	Rs.
B—1 Agruiculture Department Works	3,49,400.00
B—2 Animal Husbandry Works	1,27,500.00
B—3 Education Department Works	13,07,900.00
B—4 Health Department Works	14,39,500.00
B—5 Civil Works	27,85,000.00
B—8 Police Department Works	5,53,100.00
B—10 Judicial Department Works	1,12,300.00
B—11 Revenue Department Works	20,000.00
B—13 Labour Department Works	32,000.00

Total .. 67,26,700.00



		Rs.
(c) Tourism	..	20,21,400.00
(d) Tools and Plants	..	6,06,000.00
(e) Establishments	..	4,03,500.00
Total Major Head 81	..	1,54,44,800.00
<b>Debt and Remittance Heads</b>		
(f) Low Income Group Housing Scheme	..	5,64,000.00
Total	..	5,64,000.00
<b>(g) Major Head 82-Capital account of other works outside revenue accounts</b>		
A—3 Industrial Estates	..	11,25,000.00
Total	..	11,25,000.00
<b>(h) Major Head 72-Capital outlay on Industrial Development</b>		
(i) Industries Department Works	..	4,80,100.00
Total	..	4,80,100.00
<b>(i) Major Head 50—Civil Works</b>		
'A' A—Original Works		
I—Buildings		
II—Miscellaneous		
(i) Petty Original Works	..	1,10,000.00
(ii) Flood Restoration Works	..	10,50,000.00
Total 'A'	..	11,60,000.00
'B' Repairs (including furniture for residence of high Government Officers)	..	25,30,000.00
'C' Establishments	..	5,31,100.00
'E' Works financed from Central Road Fund	..	5,12,000.00
Total 'B'	..	35,73,100.00
'F' Surveys and investigations for 3rd Five Year Plan	..	15,000.00
Total 50—Civil Works	..	47,48,100.00



		Rs.
<b>(j) National Highway</b>		
(i) Maintenance & repairs	..	8,30,000.00
(ii) Original Works	..	15,00,000.00
Total—National Highway	..	<u>23,30,000.00</u>

**(k) Other Department Works**

1. Militia Works	..	2,00,000.00
2. University Works	..	6,09,000.00
3. T. Department Works	..	<u>2,83,487.00</u>
GRAND TOTAL	..	<u>2,63,84,487.00</u>

**EXPENDITURE STATEMENT (B)****3. Major Head 81****‘A’ Communication**

	Grant	Exp.	Saving	Excess
	Rs.	Rs.	Rs.	Rs.
1. Communication	25,34,000.00	25,29,880.00	4,120.00	..
2. Major Bridges	1,08,000.00	1,08,070.00	..	70.00
3. Rural Roads (Plan)	5,44,000.00	5,43,680.00	320.00	..
4. Works Reserve	3,11,000.00	3,07,515.00	3,485.00	..
5. Rural Roads (Non-Plan)	13,75,100.00	13,72,933.00	2,167.00	..
6. Bridges (Non-Plan)	8,15,100.00	8,14,248.00	852.00	..

**‘B’ Building**

B-1 Agriculture Department Works	3,49,400.00	3,48,272.00	1,128.00	..
B-2 Animal Husbandry Deptt. Works	1,27,500.00	1,27,570.00	..	70.00
B-3 Education Deptt. Works	13,07,900.00	12,99,431.00	8,469.00	..



	Grant	Exp.	Saving	Excess
	Rs.	Rs.	Rs.	Rs.
B-4 Health Deptt. Works	14,39,500.00	14,34,957.00	4,543.00	..
B-5 Civil Works	27,85,000.00	27,80,216.00	4,784.00	..
B-8 Police Deptt. Works	5,53,100.00	5,49,304.00	3,796.00	..
B-10 Judicial Deptt. Works	1,12,300.00	1,12,062.00	238.00	..
B-11 Revenue Deptt. Works	20,000.00	19,875.00	125.00	..
B-13 Labour Deptt. Works	32,000.00	32,003.00	..	3.00
C—Tourism	20,21,400.00	20,13,947.00	7,453.00	..
D—Tools & Plants	6,06,000.00	5,99,170.00	6,830.00	..
E—Establishment	4,03,500.00	3,56,818.00	46,682.00	..
Total Major Head- 81	1,54,44,800.00	1,53,49,951.00	94,992.00	143.00

### Debt and Remittance Heads

#### (i) Low Income Group Housing Scheme

5,64,000.00	5,63,952.00	48.00	..
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#### Total

5,64,000.00	5,63,952.00	48.00	..
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### Major Head 82

#### 'A' 3 Industrial Estate

11,25,000.00	11,19,829.00	5,171.00	..
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#### Total

11,25,000.00	11,19,829.00	5,171.00	..
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### Major Head 50—Civil

#### (A) ORIGINAL WORKS

#### I—Buildings

..	..	..	..
----	----	----	----



Grant

Exp

Saving

Excess

## III—MISCELLANEOUS

	Rs.	Rs.	Rs.	Rs.
1. Petty Original Works	1,10,000.00	1,04,587.00	5,413.00	..
2. Flood Restoration Works	10,50,000.00	10,50,237.00	..	237.00
(B) REPAIRS				
(including furniture for High Govt. Officers & other T & P)	25,30,000.00	25,33,425.00	..	3,425.00
(C) Establishment	5,31,100.00	4,60,801.00	70,299.00	..
(E) Works financed from Central Roads fund	5,12,000.00	5,10,295.00	1,705.00	..
(F) Surveys and Investigations	15,000.00	8,668.00	6,332.00	..
Total 50— Civil Works	47,48,100.00	46,60,769.00	90,993.00	3,662.00

## WORKS FOR OTHER DEPARTMENTS

(Fund placed at the disposal of P.W.D.)

1. Militia Works	2,00,000.00	1,98,460.00	1,510.00	..
2. University Works	6,09,000.00	5,80,389.00	28,611.00	..
3. Mohura Works	6,00,000.00	6,00,609.00	..	609.00
4. Tourist. Deptt. Works	2,83,487.00	2,80,574.00	2,913.00	..

## NATIONAL HIGHWAY

(i) Maintenance & Repairs	8,30,000.00	8,29,928.00	72.00	..
(ii) Original Works	15,00,000.00	14,96,870.00	3,130.00	..

Total National Highway	23,30,000.00	23,26,798.00	3,202.00	..
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GRAND TOTAL	2,63,84,487.00	2,61,62,915.00	2,25,986.00	4,414.00
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Net Surrender			2,21,572.00	
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### III—ESTABLISHMENT

The expenditure on works including maintenance and repairs amounted to (Rs. 2,61,62,915.00 minus Rs. 14,16,789.00 for establishment, tools and plants) Rs. 2,47,46,126.00. The net expenditure on establishment above amounts to Rs. 68,17,610.00.

### IV—TOOLS AND PLANTS

An expenditure of Rs. 5.99 lakhs was incurred under this item on account of purchase of road rollers.

### V—ROAD DEVELOPMENT

The achievements made during the year under report in the sphere of road development are indicated by the following table :—

Particulars	59-60	60-61	Total	
From Metal to Black top.	27.83	51.92	158.75	Miles
From Shingle to Metal.	46.46	24.00	147.46	„
From Fair Weather to Shingle.	43.70	50.86	204.64	„
From Jeepable to Fair Weather.	47.00	80.25	272.33	„
New Construction.	46.00	79.25	274.61	„

### VI—CONSTRUCTION OF BRIDGES

During the year under report, the following major bridges were completed :—

- (1) Haiderbeg Bridge.
- (2) Bridge in mile 41, Srinagar Uri Road.
- (3) Double Strutted bridge in mile 56 Srinagar Uri Road.
- (4) Bridge at Batpora near Khanabal-Anantnag Road.

### VII—TOURISM WORKS

To attract large number of visitors to the Valley and to afford better amenities and facilities to them, the following tourism works continued to be in progress during the year 1960-61 :—

- (1) Development of Yus Maidan (Construction of 2 huts)  
Rs. 0.68 lakhs.

- (2) Electrification of Rest House, Shopian Rs. 0.21 lakhs.

### VIII—OTHER DEPARTMENTAL WORKS

Works pertaining to the Education, Agriculture, Animal Husbandry, P.W.D. and Health Departments which were started and completed during the year 1960-61, are as under :—



## i. EDUCATION DEPARTMENT WORKS

		Exp. during 1960-1961
		Rs.
1.	Government College Anantnag (Khanabal)	.. 0.30 lakhs
2.	Middle School, Khanabal	.. 0.298 ..
3.	Additional Accommodation in Achabal Lower High School	.. 0.050 ..
4.	School Building, Sallar	.. 0.199 ..
5.	Larki Pora School	.. 0.10 ..
6.	Construction of Industrial Training Institute, Srinagar in the premises of M.P. High School	.. 0.03 ..
7.	Construction of Stone Masonry wall around playground of M.P. High School	.. 0.053 ..
8.	Construction of Double Storied Building and Dismantalling and Rebuilding Chowkidars Quarters at Boys High School, Nawakadal	.. 0.459 ..
9.	Construction of Stair Cases No. II and Additional Block Boys High School, Nawakadal	.. 0.543 ..
10.	Construction of Additional Accommodation Amar Singh College and Sanitary Fittings in the Bath Rccm	0.094 ..
11.	Works in S. P. College, Srinagar	.. 0.325 ..
12.	Works in Women College, Srinagar including Sanitary Fitting and Water Supply	.. 0.158 ..
13.	Middle School Gogji Bagh, Srinagar	.. 0.089 ..
14.	Teachers Training School, Sopore	.. 0.179 ..
15.	Higher Secondary School, Baramulla	.. 0.598 ..
16.	Kriri High School	.. 0.178 ..
17.	Lower High School, Bumiyyar (Uri)	.. 0.144 ..
18.	Lower High School, Danger Pora, Sopore	.. 0.126 ..
19.	High School at Beru	.. 0.154 ..
20.	High School at Pulwama Rajpora	.. 0.199 ..
21.	Lower High School at Khansahib	.. 0.149 ..
22.	High School at Pampore	.. 0.042 ..



Exp. during  
1960-1961

	Rs.
23. High School at Tral ..	0.019 lakhs
24. Providing Wooden Railing Round the premises of High School, Shopian ..	0.192 „
ii. AGRICULTURE DEPARTMENT WORKS	
1. Mali shed at Seer Kanligund ..	0.0093 „
2. Construction of Residential Building in Kashmir Province for Agriculture Experimental Farm near Shalimar ..	0.240 „
3. Construction of one Garage at Lalmandi ..	0.025 „
4. Construction of Nursery hut in Fruit Plant Nursery at Pattan ..	0.040 „
5. Construction of Seed Storage Godown in the Farm Tapewaripora in Baramulla District ..	0.098 „
6. Construction of Bullock Shed in the Farm at Talerwar-pora in Baramulla District ..	0.050 „
7. Construction of one Plant Protection Store Godown in Seed-Multiplication Farm at Sopore ..	0.092 „
8. Agriculture College, Sopore ..	1.956 „
9. Construction of Paliside railing round the premises of Agriculture College at Sopore ..	0.30 „
10. Construction of Buildings for Maize Building at Malangpora as under :—	
(a) Construction of Laboratory Shed, Staff Quarters and Machinery Shed at Malangpora Co-ordinate, Maize Breeding Farm ..	0.42 „
11. Construction of Five Watcher Huts (Double Hybrid) Maize Scheme at Padgampora ..	0.049 „
12. Construction of Seed Storage Godown and Block Shed at Pambay Kakran at Kulgam ..	0.016 „
iii. ANIMAL HUSBANDRY WORKS	
1. Const. of Animal Husbandry Works at Khanyar ..	0.13 „
2. Construction in connection with Milk Supply Scheme at Chashmashahi ..	0.396 „



Exp. during  
1960-1961

Rs.

- |  |    |             |
|--|----|-------------|
| 3. Animal Husbandry Building at Shitloo, Kashmir   | .. | 0.30 lakhs. |
| 4. Construction of Dispensary Quarter Stable and Sayees Quarters for Verterinary Department Sub-Unit at Awantipora | .. | 0.446 „     |

## iv. HEALTH DEPARTMENT WORKS

- |  |    |         |
|--|----|---------|
| 1. District Hospital Works at Baramulla                    | .. | 0.40 „  |
| 2. Wall around Bijbihara Dispensary                        | .. | 0.13 „  |
| 3. Additions and alternations to X-Ray Room C. D. Hospital | .. | 0.013 „ |

## v. P. W. D. WORKS

- |  |    |         |
|--|----|---------|
| 1. Construction of Sub-Divisional Office at Pulwama converted into Girls School          | .. | 0.198 „ |
| 2. Const. of Sub-Divisional office at Kulgam   | .. | 0.201 „ |
| 3. Lorry-Adda at Badgam  | .. | 0.070 „ |
| 4. Pulwama Rest House  | .. | 0.499 „ |
| 5. Construction of Transporters Booking Office at Hazuri Bagh and Ekka Sarai at Srinagar | .. | 0.063 „ |
| 6. Renovation of Transporters Office Converted into Medical College Hostel, Srinagar     | .. | 0.40 „  |
| 7. Construction of Tagore Memorial Hall at Hazuri Bagh, at Srinagar                      | .. | 3.502 „ |
| 8. Construction of Fruit Market at Hazuri Bagh   | .. | 4.974 „ |
| 9. Construction of Staduim at Hazuri Bagh  | .. | 1.499 „ |
| 10. Construction of Pavallion at Hazuri Bagh, Srinagar                                   | .. | 3.03 „  |
| 11. Construction of Ministers Quarters at Tulsi Bagh Srinagar                            | .. | 1.807 „ |
| 12. Construction of Semi-detached Quarters at Tulsi Bagh, Srinagar                       | .. | 1.617 „ |
| 13. Construction of Youth Hostel   | .. | 3.193 „ |
| 14. Construction of Rest House at Tengdhar   | .. | 0.23 „  |



Exp. during  
1960-1961

	Rs.
15. Purchase of Hutted Accommodation at Badwan and Achora from Army ..	0.362 lakhs
16. Additional Block to Divisional Engineer's Office at Baramulla ..	0.029 „
17. Construction of Shops-cum-Hotel Building at Maisuma with Construction of Staff Room and providing Furniture ..	0.569 „
18. Construction of Meeting Hall and Office Block in First Assistant Residence House ..	0.109 „
19. Construction of New Office Block in Northern Side in Western Qurdrangle in the Industrial Exhibition with Additional Works ..	0.303 „
20. Works in Divisional Office Premises Construction of Sanitary Fitting Urinals and W/C and Cycle Shed ..	0.119 „
21. Construction of Garrage for Professor Medical College behind Residency Road ..	0.169 „
22. Renovation of Electrical Fittings in the Premises Government Buildings ..	0.275 „
23. Construction of Temporary Shop Building Near Regal Cinema, Srinagar ..	0.059 „
24. Const. of Guest House at Cheshamashahi ..	3.416 „
25. Const. of Ministers Quarter at Sonawari ..	1.036 „
26. Assistant Engineer's Quarter at Qazigund ..	0.309 „
27. Assistant Engineer's Quarter at Verinag ..	0.099 „
28. Club Building at Anantnag ..	0.50 „
29. Construction of Residential Quarters for Officers and Staff at Anantnag ..	0.747 „



**P. W. D. (R & B) JAMMU PROVINCE****Administration**

The charge of the Roads and Buildings Department, Jammu was held by Shri H. K. Gandotra, Chief Engineer, for the year under report. In addition to his own duties as Chief Engineer he held the charge of Superintending Engineer's Office, Jammu Circle.

A full-fledged Project and Planning Division was created due to increased work load in the existing Construction Division and especially due to the construction of New Secretariat Building at Jammu. This necessitated re-organization of the territorial jurisdiction of the existing Construction Division in addition to the City Sub-Division which was already placed under the charge of P & P Division and subsequently transferred to Construction Division No. 2, Jammu. In order to ensure smooth running of the work in both the Construction Divisions No. 1 and 2, Jammu the construction works falling on the left side of the Tawi Bridge were placed under the charge of Construction Division No. 1 and the works on right side of Tawi Bridge under Construction Division No. 2. The following Sub-Divisions were placed under the charge of each Construction Division :—

**I. CONSTRUCTION DIVISION No. 1, JAMMU.**

1. R. S. Pura Sub-Division.
2. Gandhinagar Sub-Division.
3. Construction Sub-Division No. 1.
4. Construction Sub-Division No. 2.

**II. CONSTRUCTION DIVISION No. 2 JAMMU.**

1. Secretariat and New Construction Sub-Division.
2. Roads Sub-Division.
3. Upper City Sub-Division.
4. Lower City Sub-Division.

Due to heavy works programme during the 3rd Five Year Plan and carrying out investigations etc., for the preparation of road projects, two investigation Sub-Divisions were created during the year under report and these Sub-Divisions were placed under P & P Division in addition to Mechanical Sub-Division. The P & P Division also remained busy with the investigations for the 3rd Five Year Plan scheme over and above the maintenance and upkeep of machinery during the year under report.

There was no change in the jurisdiction of other Divisions.



## Budget Grant

The initial Budget Grant for the year under report amounted to Rs. 1,58,51,942 and after accounting for extra grant, re-appropriations and surrenders, the total grant amounted to Rs. 2,10,90,964 exclusive of Rs. 30,89,000 on account of National Highway. After accounting for the grant of National Highway, the total grant would amount to Rs. 2,41,79,964.

## Revenues realized

The total revenue realized during the year under report amounts to Rs. 1,04,86,652.00. This includes an amount of Rs. 1,02,47,960 on account of Road Toll, collected by the Excise and Taxation Department.

## Expenditure

The total expenditure during the year under report amounted to Rs. 2,37,15,220 which caused a saving of Rs. 4,64,744. The main reasons for this are the non-availability of the controlled materials such as cement and iron. Unusual weather conditions also proved a bottleneck in the smooth execution of the works to some extent.

The expenditure on original works, maintenance and Plan works and other Departmental works including National Highway amounted to Rs. 2,37,15,220. Expenditure on establishment on civil side amounted to Rs. 2,27,391 and on Plan side Rs. 4,04,080.

The expenditure on National Highway Works amounted to Rs. 28,50,751. After accounting for this expenditure incurred on National Highway Works, the total expenditure amounted to Rs. 2,37,15,220.

The maintenance and repair charges of roads of common interest to Civilians and the Military were met with from the main, Repairs Grant.

## Tools and Plants

The expenditure on heavy Tools and Plants amounted to Rs. 4,04,180.

## Works for other Departments

Apart from the works executed during the year under report a number of projects and plans as per requisition received from various Government Departments from time to time were prepared by the Department. A number of works were done for Education, Police, Medical, Agriculture, Animal Husbandry, Tourism and other Departments in close touch with the concerned Departments.

## Main Activities

The following statements give an account of the main activities of the Department during the year under report:—



## STATEMENT OF NEW ROADS COMPLETED.

A—Indicates Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	Total Length completed.
1	2	3
I. UDHAMPUR DIVISION.		
1	Katra-Riasi Road	.. 18.5 Miles.
2	Tikri-Jangal Gali Road	.. 17.0 Miles.
3	Udhampur-Ramnagar Road	.. 23.5 Miles.
4	Kud-Sudh Mahadev Road	.. 14 Miles.
5	Udhampur-Krimichi Road	.. 5 Miles.
6	Metalling & Surfacing Chenani Sudh Mahadev Road	.. 14.0 Miles.
7	Construction of Udhampur-Katra Motorable Road	.. 7.4 Miles.
II. DODA SPECIAL SUB-DIVISION KHELLANI.		
1	Thathri-Kilotra Road	.. 17 Miles.
2	Kishtwar-Paddar Road	.. 15 Miles.
3	Chobian Link Road	.. 2 Miles 5 Chains.
4	Batote-Bhaderwah Road	.. 50.0 Miles.
5	Thathri-Kilotran Road	.. 25.0 Miles.
6	Doda-Thathri Road	.. 19.5 Miles.
III. POONCH DIVISION.		
1	Poonch-Mandi Gulmarg Road	.. 21 Miles. E—13 Miles. F—8 Miles.
2	Rajouri-Budhal Road	.. 22 Miles.(A&B).
3	Rajouri-Darhal Road	.. 13 Miles (A&E).



## STATEMENT OF NEW ROADS COMPLETED.

A—Indicates Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

		1957-58					
S. No.	Name of Roads.	A	B	C	D	E	F
1	2	4	5	6	7	8	9
I. UDHAMPUR DIVISION.							
1	Katra Riasi Road .. ..	13.5	5	..	..	..	..
2	Tikri Jangal Gali Road .. ..	..	6	..	..	..	..
3	Udhampur Ramnagar Road ..	12	4	2.5	0.5	..	..
4	Kud Sudh Mahadev Road ..	14	..	..	..	..	..
5	Udhampur Krimichi Road ..	..	..	..	..	..	..
6	Metalling & Surfacing Chenani Sudh Mahadev Road .. ..	..	..	..	..	..	..
7	Construction of Udhampur Katra Motorable Road .. ..	..	..	..	..	..	..
II. DODA SPECIAL SUB-DIVISION KHELLANI.							
1	Thathri Kilotra Road ..	5	..	..	..	..	..
2	Kishtwar Paddar Road ..	10	..	..	..	..	..
3	Chobian Link Road .. ..	..	..	..	..	..	..
4	Batote Bhaderwah Road ..	..	..	..	..	..	..
5	Thathri Kilotran Road ..	..	..	..	..	..	..
6	Doda Thathri Road .. ..	..	..	..	..	..	..
III. POONCH DIVISION.							
1	Poonch Mandi Gulmarg Road ..	..	..	..	..	..	..
2	Rajouri Budhal Road ..	5	..	..	..	..	..
3	Rajouri Darhal Road ..	8	..	..	..	..	..



## STATEMENT OF NEW ROADS COMPLETED.

A—Indicates Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1958-59

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	10	11	12	13	14	15

## I. UDHAMPUR DIVISION.

1	Katra Riasi Road	..	..	9.5	9	..	..	..
2	Tikri Jangal Gali Road	..	..	..	6	..	6	..
3	Udhampur Ramnagar Road	..	5	11	2.5	0.5	..	..
4	Kud Sudh Mahadev Road	..	14	..	..	..	..	..
5	Udhampur Krimichi Road	..	..	..	..	..	..	..
6	Metalling & Surfacing Chenani Sudh Mahadev Road	..	..	..	..	..	..	..
7	Construction of Udhampur Katra Motorable Road	..	..	..	..	..	..	..

II. DODA SPECIAL SUB-DIVISION  
KHELLANI.

1	Thathri Kilotra Road	..	9	..	..	..	..	..
2	Kishtwar Paddar Road	..	5	..	..	..	..	..
3	Chobian Link Road	..	..	..	..	..	..	..
4	Batote Bhaderwah Road	..	..	..	..	..	..	..
5	Thathri Kilotran Road	..	..	..	..	..	..	..
6	Doda Thathri Road	..	..	..	..	..	..	..

## III. POONCH DIVISION.

1	Poonch Mandi Gulmarg Road	..	..	..	..	..	..	6
2	Rajouri Budhal Road	..	8	..	..	..	..	..
3	Rajouri Darhal Road	..	..	..	..	..	..	..



## STATEMENT OF NEW ROADS COMPLETED.

A—Indicates Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	1959-60					
		A	B	C	D	E	F
1	2	16	17	18	19	20	21

## I. UDHAMPUR DIVISION.

1	Katra Riasi Road	..	..	5	6.5	7	..	..
2	Tikri Jangal Gali Road	..	..	..	4	2	11	..
3	Udhampur Ramnagar Road	..	2	13	3	1	..	..
4	Kud Sudh Mahadev Road	..	10	4	..	..	..	..
5	Udhampur Krimichi Road	..	5	..	..	..	..	..
6	Metalling & Surfacing Chenani Sudh Mahadev Road	..	..	..	..	..	..	..
7	Construction of Udhampur Katra Motorable Road	..	..	..	..	..	3 in Progress	..

II. DODA SPECIAL SUB-DIVISION  
KHELLANI.

1	Thathri Kilotra Road	..	17	..	..	..	..	..
2	Kishtwar Paddar Road	..	..	..	..	..	..	..
3	Chobian Link Road	..	..	..	1	..	..	..
4	Batote Bhaderwah Road	..	..	..	..	..	..	..
5	Thathri Kilotran Road	..	..	..	..	..	..	..
6	Doda Thathri Road	..	..	..	..	..	..	..

## III. POONCH DIVISION.

1	Poonch Mandi Gulmarg Road	..	..	..	..	..	..	2
2	Rajouri Budhal Road	..	..	..	..	..	..	..
3	Rajouri Darhal Road	..	..	..	..	..	..	..



## STATEMENT OF NEW ROADS COMPLETED.

A—Indicates Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	1960-61						Remarks.
		A	B	C	D	E	F	
1	2	22	23	24	25	26	27	28

## I. UDHAMPUR DIVISION.

1	Katra Riasi Road	..	..	..	..	..	..	..
2	Tikri Jangal Gali Road	..	..	..	4	2	11	..
3	Udhampur Ramnagar Road	..	..	..	10	8.5	..	..
4	Kud Sudh Mahadev Road	..	..	10.0	..	..	..	..
5	Udhampur Krimichi Road	..	5.0	..	..	..	..	..
6	Metalling & Surfacing Chenani Sudh Mahadev Road	..	..	6.0	8.0	..	..	..
7	Construction of Udhampur Katra Motorable Road	..	..	..	..	6.0	..	..

II. DODA SPECIAL SUB-DIVISION  
KHELLANI.

1	Thathri Kilotra Road	..	..	..	..	..	..	..
2	Kishtwar Paddar Road	..	5	..	..	..	..	..
3	Chobian Link Road	..	..	..	..	..	..	..
4	Batote Bhaderwah Road	..	..	6	..	..	..	..
5	Thathri Kilotran Road	..	6	..	..	..	..	..
		Chains						
6	Doda Thathri Road	..	..	10	..	..	..	..

## III. POONCH DIVISION.

1	Poonch Mandi Gulmarg Road	..	..	4	..	6	..	4
2	Rajouri Budhal Road	..	..	..	..	..	..	..
3	Rajouri Darhal Road	..	..	..	..	..	..	..



## STATEMENT OF NEW ROADS COMPLETED.

A—Indicates Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	Total Length completed.
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1	2	3
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4	Siot Kalakot Road	.. 17 Miles.
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5	Bagila Khurdinu Road	.. 25 Miles.
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6	Surran Mendhar Road	.. 5 Miles.
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## IV. CONSTRUCTION DIVISION NO. 1, JAMMU.

1	Gandhinagar Road	.. 14.94 Miles.
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2	Chak Mohd. Yar Chakroi Road	.. 4.5 Miles.
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3	Marlia Dablehar Road	.. 5 Miles.
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4	Miran Sahib Daoli Pandorian Road	.. 10 Miles.
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5	Bishnah Salahar Arnia Road	.. 8.10 Miles.
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6	Miran Sahib Bishnah Road	.. 2 Miles.
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7	Bari Brahamana Bishnah Road	.. 4 Miles.
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8	Bari Brahamana Gurah Salathian Road	.. 11 Miles.
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9	Bajpur Ramgarh Road	.. 5.5 Miles.
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10	Rakh Raya Road	.. 3 Miles.
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11	Bajpur Gurah Salathian Road	.. 3 Miles.
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12	Jammu Transport Road	.. 2.5 Miles.
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13	R. S. Pura Badial Brahamana <i>via</i> Banota	.. 3 Miles.
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14	R. S. Pura to Salhar <i>via</i> Salamia Chak	.. 6.5 Miles.
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15	R. S. Pura to Chakroi <i>via</i> Dangri	.. 3.5 Miles.
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16	R. S. Pura Dabhlehar Road	.. 3.5 Miles.
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## STATEMENT OF NEW ROADS COMPLETED.

A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1957-58

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	4	5	6	7	8	9
4	Siot Kalakot Road ..	3	..	..	..	3	..
5	Bagila Khurdinu Road ..	6	..	..	..	11	..
6	Surran Mendhar Road ..	..	..	..	..	..	..
IV. CONST. DIVN. No. 1, JAMMU.							
1	Gandhinagar Road ..	0.75	..	0.43	..	..	..
2	Chak Mohd. Yar Chakroi Road ..	..	..	..	..	..	..
3	Marlia Dablehar Road ..	..	..	..	..	..	..
4	Miran Sahib Daoli Pandorian Road ..	..	..	..	..	..	..
5	Bishnah Salahar Arnia Road ..	..	..	..	..	..	..
6	Miran Sahib Bishnah Road ..	..	..	..	..	..	..
7	Bari Brahamana Bishnah Road ..	..	..	..	..	..	..
8	Bari Barahamana Gurah Salathian Road ..	..	..	..	..	..	..
9	Bajpur Ramgarh Road ..	..	3.5	5.5	..	..	..
10	Rakh Raya Road ..	..	..	..	..	..	..
11	Bajpur Gurah Salathian Road ..	..	..	..	..	..	..
12	Jammu Transport Road ..	..	..	..	..	..	..
13	R. S. Pura Badial Brahamana via Banota ..	..	..	..	..	..	..
14	R. S. Pura to Salhar via Salamia Chak ..	..	..	..	..	..	..
15	R. S. Pura to Chakroi via Dangri ..	..	..	..	..	..	..
16	R.S. Pora Dabhlehar Road ..	..	..	..	..	..	..



## STATEMENT OF NEW ROADS COMPLETED.

A—Earth Work.								
B—Shingling.								
C—Metalling.								
D—Surfacing.								
E—Jeep Track.								
F—Bridle Road.								
		1958-59						
S. No.	Name of Roads.	A	B	C	D	E	F	
1	2	10	11	12	13	14	15	
4	Siot Kalakot Road	.. ..	..	..	..	..	..	
5	Bagila Khurdinu Road	.. ..	..	..	..	8	..	
6	Surran Mendhar Road	.. ..	..	..	..	..	..	
IV. CONST. DIVN. No. 1, JAMMU.								
1	Gandhinagar Road	.. ..	0.49	0.49	0.67	..	..	
2	Chak Mohd. Yar Chakroi Road	.. ..	2	..	..	..	..	
3	Marlia Dablehar Road	.. ..	..	1	..	..	..	
4	Miran Sahib Daoli Pandorian Road	.. ..	1	..	..	..	..	
5	Bishnah Salahar Arnia Road..	.. ..	..	..	..	..	..	
6	Miran Sahib Bishnah Road	.. 2	..	..	..	..	..	
7	Bari Brahamana Bishnah Road	.. ..	..	..	..	..	..	
8	Bari Brahamana Gurah Salathian Road	.. ..	..	..	..	..	..	
9	Bajpur Ramgarh Road	.. ..	..	..	..	..	..	
10	Rakh Raya Road	.. ..	..	..	..	..	..	
11	Bajpur Gurah Salathian Road.	.. ..	..	..	..	..	..	
12	Jammu Transport Road	.. ..	..	..	..	..	..	
13	R. S. Pura Badial Brahamana via Banota	.. ..	..	..	..	..	..	
14	R. S. Pura to Salhar via Salamia Chak	.. ..	..	..	..	..	..	
15	R. S. Pura to Chakroi via Dangri	.. ..	..	..	..	..	..	
16	R.S. Pora Dabhlehar Road	.. ..	..	..	..	..	..	



## STATEMENT OF NEW ROADS COMPLETED.

A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1959-60

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	16	17	18	19	20	21
4	Siot Kalakot Road	..	..	..	..	..	..
5	Bagila Khurdinu Road	..	..	..	..	..	..
6	Surran Mendhar Road	..	..	..	..	..	..
IV. CONST. DIVN. No. 1, JAMMU.							
1	Gandhinagar Road	.. 7.9	2.5	3.5	1.75	..	..
2	Chak Mohd. Yar Chakroi Road	..	..	1	..	..	..
3	Marlia Dablehar Road	..	..	2	..	..	..
4	Miran Sahib Daoli Pandorian Road	..	..	5	4	..	..
5	Bishnah Salahar Arnia Road	..	..	3	..	..	..
6	Miran Sahib Bishnah Road	..	..	2	..	..	..
7	Bari Brahamana Bishnah Road	..	..	..	..	..	..
8	Bari Brahamana Gurah Salathian Road	..	..	..	..	..	..
9	Bajpur Ramgarh Road	..	..	..	..	..	..
10	Rakh Raya Road	..	..	..	3	..	..
11	Bajpur Gurah Salathian Road.	..	..	8	..	..	..
12	Jammu Transport Road	.. 1.62	1.69	1.69	1.69	..	1.0
13	R. S. Pura Badial Brahamana via Banota	..	3	..	..	..	..
14	R. S. Pura to Salhar via Salamia Chak	..	6.5	..	..	..	..
15	R. S. Pura to Chakroi via Dangri	..	3.5	..	..	..	..
16	R.S. Pura Dabhlehar Road	..	..	..	1.0	..	..



## STATEMENT OF NEW ROADS COMPLETED.

A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	1960-61						Remarks.
		A	B	C	D	E	F	
1	2	22	23	24	25	26	27	28
4	Siot Kalakot Road	.. ..	4	7	..	..	..	
5	Bagila Khurdinu Road	.. ..	..	..	..	..	..	
6	Surran Mendhar Road	.. ..	..	..	..	5	..	
IV. CONST. DIVN. NO. 1, JAMMU.								
1	Gandhinagar Road	..7.0	8.0	8.0	5.0	..	..	
2	Chak Mohd. Yar Chakroi Road	.. ..	..	0.5	..	..	..	
3	Marlia Dablehar Road	.. ..	..	..	..	..	..	
4	Miran Sahib Daoli Pandorian Road	.. ..	..	..	5.0	..	..	
5	Bishnah Salahar Arnia Road	.. ..	..	..	..	..	..	
6	Miran Sahib Bishnah Road	.. ..	..	..	..	..	..	
7	Bari Brahamana Bishnah Road.	.. ..	..	..	..	..	..	
8	Bari Brahamana Gurah Salathian Road	.. ..	..	..	3.0	..	..	
9	Bajpur Ramgarh Road	.. ..	..	..	..	..	..	
10	Rakh Raya Road	.. ..	..	..	3.0	..	..	
11	Bajpur Gurah Salathian Road.	.. ..	..	..	3.0	..	..	
12	Jammu Transport Road	..1.0	1.0	1.0	..	..	..	
13	R. S. Pura Badial Brahamana via Banota	.. ..	..	..	..	..	..	
14	R. S. Pura to Salhar via Salamia Chak	.. ..	..	..	..	..	..	
15	R. S. Pura to Chakroi via Dangri	.. ..	..	..	..	..	..	
16	R.S. Pura Dabhlehar Road	.. ..	..	..	3.5	..	..	



## STATEMENT OF NEW ROADS COMPLETED.

A—Indicates Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	Total Length completed.
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1	2	3
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## V. CONSTRUCTION DIVISION No. II.

1	Tillo Tank Ghou Manasan Road	6.5 Miles.
2	Jammu Gajansoo Road	13 Miles.
3	Residency Jullaka Mohalla Road	1 Mile.
4	Janipura Ambh Gharota Road	15 Miles.
5	Akhnoor Chamb Road	10.5 Miles.
5	Construction of road from Gajansoo to Kana Chak	8.0 Miles.

## VI. KATHUA SPL. SUB-DIVISION.

1	Construction of Jeepable Road from Basohli to Palasi	8 Miles.
2	Construction of Link Road from Chann Rorian to Dhamnu	3 Miles.
3	Metalling and Tarring Janglote Road	2.8 Miles.
4	Metalling and Tarring Kharote Link Road	2.5 Miles.

## VII. NATIONAL HIGHWAY DIVISION BATOTE.

1	Ramban Damkund Road	8.0 Miles.
2	Banihal Bunikote Road	2.0 Miles.



## STATEMENT OF NEW ROADS COMPLETED.

A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

S. No.	Name of Roads.	1957-58					
		A	B	C	D	E	F
1	2	4	5	6	7	8	9

## V. CONSTRUCTION DIVISION No. II

1	Tillo Tank Ghou Manasan Road	..	..	..	2.5	..	..
2	Jammu Gajansoo Road	..	..	..	8.5	..	..
3	Residency Jullaka Mohalla Road	..	..	..	..	..	..
4	Janipura Ambh Gharota Road.	..	..	..	..	..	..
5	Akhnoor Chamb road	..	..	6	..	..	..
6	Construction of road from Gajansoo to Kana Chak	..	..	..	..	..	..

## VI. KATHUA SPL. SUB-DIVISION.

1	Construction of Jeepable Road from Basohli to Palasi	..	6	..	..	6	..	6
2	Construction of Link Road from Chann Rorian to Dhamnu	..	..	..	..	1	..	1
3	Metalling and Tarring Janglote Road	..	..	..	..	..	..	..
4	Metalling and Tarring Kharote Link Road	..	..	..	..	..	..	..

VII. NATIONAL HIGHWAY DIV.  
BATOTE.

1	Ramban Damkund Road	..	..	..	..	..	..	..
2	Banihal Bunikote Road	..	..	..	..	..	..	..



## STATEMENT OF NEW ROADS COMPLETED.

A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1958-59

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	10	11	12	13	14	15

## V. CONSTRUCTION DIVISION No. II.

1	Tillo Tank Ghou Manasan Road	..	..	..	..	..	..
2	Jammu Gajansoo Road	..	..	8	..	..	..
3	Residency Jullaka Mohalla Road	..	..	..	..	..	..
4	Janipura Ambh Gharota Road.	..	6	..	..	..	..
5	Akhnoor Chamb Road	..	..	..	..	..	..
6	Construction of road from Gajansoo to Kana Chak	..	..	..	..	..	..

## VI. KATHUA SPL. SUB-DIVISION.

1	Construction of Jeepable Road from Basohli to Palasi	..	..	..	..	..	..
2	Construction of Link Road from Chann Rorian to Dhamnu	..	..	..	..	..	..
3	Metalling and Tarring Janglote Road	..	..	..	..	..	..
4	Metalling and Tarring Kharote Link Road	..	..	..	..	..	..

VII. NATIONAL HIGHWAY DIV.  
BATOTE.

1	Ramban Damkund Road	..	..	..	..	..	..
2	Banihal Bunikote Road	..	..	..	..	..	..



## STATEMENT OF NEW ROADS COMPLETED

A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1959-60

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	16	17	18	19	20	21

## V. CONSTRUCTION DIVISION No. II.

1	Tillo Tank Ghou Manasan Road	..	..	..	..	..	..
2	Jammu Gajansoo Road	..	..	..	..	..	..
3	Residency Jullaka Mohalla Road	..	..	..	..	..	..
4	Janipura Ambh Gharota Road	..	..	..	1	..	..
5	Akhnoor Chamb Road	..	..	..	Mile	..	..
6	Construction of road from Gajansoo to Kana Chak	..	3	..	..	..	..

## VI. KATHUA SPL. SUB-DIVISION.

1	Construction of Jeepable Road from Basohli to Palasi	..	6.2	..	..	..	..
2	Construction of Link Road from Chann Rorian to Dhamnu	..	0.8	..	..	..	..
3	Metalling and Tarring Janglote Road	..	..	..	..	..	..
4	Metalling and Tarring Kharote Link Road	..	..	..	..	..	..

VII. NATIONAL HIGHWAY DIV.  
BATOTE.

1	Ramban Damkund Road	..	1	..	..	..	..
2	Banihal Bunikote Road	..	Mile	..	..	..	2.0



## STATEMENT OF NEW ROADS COMPLETED.

A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1960-61

Remarks.

S. No.	Name of Roads.							Remarks.
		A	B	C	D	E	F	
1	2	22	23	24	25	26	27	28

## V. CONSTRUCTION DIVISION No. II.

1 Tillo Tank Ghou Manasan Road

2 Jammu Gajansoo Road

3 Residency Jullaka Mohalla Road

4 Janipura Ambh Gharota Road.

5 Akhnoor Chamb Road

6 Construction of road from Gajansoo to Kana Chak

## VI. KATHUA SPL. SUB-DIVISION.

1 Construction of Jeepable Road from Basohli to Palasi

2 Construction of Link Road from Chann Rorian to Dhamnu

3 Metalling and Tarring Janglote Road

4 Metalling and Tarring Kharote Link Road

## VII. NATIONAL HIGHWAY DIV. BATOTE.

1 Ramban Damkund Road

2 Banihal Bunikote Road



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

Total length completed during the year under report.

S. No.	Name of Roads.	
1	2	3

#### I. UDHAMPUR DIVISION.

- 1 Tikri Jungal Gali Road (New jeep road) .. 11 miles.
- 2 Const. of Chenani Sudh Mahadev Road .. 14 miles.
- 3 Const. of Udhampur Katra Road .. 7½ miles.
- 4 Const. of Udhampur Kirmachi road .. 5 miles.
- 5 Jeepable road from Jindrah to Kishanpur Nagrota 5 miles.
- 6 Construction of Diversion in road mile 139 c. 34 in mile 140 ch. 5 Jammu Srinagar road. 27 chains.
- 7 Metalling and Surfacing Chenani Sudh Mahadev road .. 13.5 miles.

#### II. DODA DIVISION.

- 1 Thathri Kishtwar road .. 17 miles.
- 2 Kishtwar Paddar road .. 20 miles.
- 3 Doda Thathari road .. 4 miles.
- 4 Thathari Kalotrian road .. 6 chains.
- 5 Chobian Link road .. 2 miles 5 Ch.



A—Earth Work.

B—Shingling.

C—Metalling.

D—Surfacing.

E—Jeep Track.

F—Bridle Roads

1957-58

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	4	5	6	7	8	9

## I. UDHAMPUR DIVISION.

1	Tikri Jungal Gali Road (New jeep road)	11	..	..	..	11	..
2	Construction of Chenani Sudh Mahadev Road	11	..	..	..	..	..
		80% comp- leted					
3	Construction of Udhampur Katra road	..	..	..	..	..	..
4	Construction of Udhampur Kirmachi road	..	..	..	..	..	..
5	Jeepable road from Jindrah to Kishanpur Nagrota	..	..	..	..	..	..
6	Construction of Diversion in road mile 139 ch. 34 in mile 140 ch. 5 Jammu Srinagar road	27	27	27	..	..	..
		chains	chains	chains			
7	Metalling and Surfacing Chenani Sudh Mahadev road	..	..	..	..	..	..

## II. DODA DIVISION.

1	Thathri Kishtwar road	2	..	..	..	..	..
2	Kishtwar Paddar road	17½	..	..	..	..	..
3	Doda Thathari road	..	..	..	..	..	..
4	Thathari Kalotrian road	..	..	..	..	..	..
5	Chobian Link road	..	..	..	..	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	1958-59					
		A	B	C	D	E	F
1	2	10	11	12	13	14	15

#### I. UDHAMPUR DIVISION.

1	Tikri Jungal Gali Road (New jeep road)	.. 11	..	..	..	11	..
2	Construction of Chenani Sudh Mahadev Road	.. 6 com- pleted	..	..	..	..	..
3	Construction of Udhampur Katra road	.. ..	..	..	..	..	..
4	Construction of Udhampur Kirmachi road	.. 2 40% com- pleted	..	..	..	..	..
5	Jeepable road from Jindrah to Kishanpur Nagrota	.. 5 com- pleted	..	..	..	..	..
6	Construction of Diversion in road mile 139 c. 34 in mile 140 ch. 5 Jammu—Srinagar road	.. ..	..	..	..	..	..
7	Metalling and Surfacing Chenani Sudh Mahadev road	.. ..	..	..	..	..	..

#### II. DODA DIVISION.

1	Thathri Kishtwar road	.. .. 2	..	..	..	..	..
2	Kishtwar Paddar road	.. .. 2½	..	..	..	..	..
3	Doda Thathari road	.. ..	..	..	..	..	..
4	Thathari Kalotrian road	.. ..	..	..	..	..	..
5	Chobian Link road	.. ..	..	..	..	..	..



A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1959-60

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	16	17	18	19	20	21

## I. UDHAMPUR DIVISION.

1	Tikri Jungal Gali Road (New jeep road)	.. 11	..	..	..	11	..
2	Construction of Chenani Sudh Mahadev Road	.. 10.4	..	..	..	..	..
		com- pleted					
3	Construction of Udhampur Katra road	.. 3	..	..	..	3	..
4	Construction of Udhampur Kirmachi road	.. 5	..	..	..	..	..
		com- pleted					
5	Jeepable road from Jindrah to Kishanpur Nagrota	.. 5	..	..	..	..	..
		com- pleted					
6	Construction of Diversion in road mile 139 c. 34 in mile 140 ch. 5 Jammu—Srinagar Road	..	..	..	..	..	..
7	Metalling and Surfacing Chenani Sudhmahadev road	..	..	..	..	..	..

## II. DODA DIVISION.

1	Thathri Kishtwar road	..	..	..	..	..	..
2	Kishtwar Paddar road	..	Earth work 20 Miles in progress.				
3	Doda Thathari road	..	..	4	..	..	..
4	Thathari Kalotrian road	..	6	..	..	..	..
5	Chobian Link road	..	..	..	1	..	..



A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1960-61

S. No.	Name of Roads.	A	B	C	D	E	F	Remarks.
1	2	22	23	24	25	26	27	28

## I. UDHAMPUR DIVISION.

1	Tikri Jungal Gali Road (New jeep road)	.. 11	..	..	..	..	..	..
		conti- nued						
2	Construction of Chenani Sudh Mahadev Road	.. 14	..	..	..	:	..	..
		com- pleted						
3	Construction of Udhampur Katra road	.. 6	..	..	..	..	..	..
4	Construction of Udhampur Kirmachi road	.. ..	..	..	..	..	..	..
5	Jeepable road from Jindrah to Kishanpur Nagrota	.. ..	..	..	..	..	..	..
6	Construction of Diversion in road mile 139 c. 34 in mile 140 ch. 5 Jammu—Srinagar road	.. ..	..	..	..	..	..	..
7	Metalling and Surfacing Chenani Sudh Mahadev road	.. 8	8	8	8	..	..	..
			completed					

## II. DODA DIVISION.

1	Thathri Kishtwar road	.. ..	3	..	..	..	..	..
2	Kishtwar Paddar road	.. ..	..	..	..	..	..	..
3	Doda Thathari road	.. ..	8.5	8	..	..	..	..
4	Thathari Kalotrian road	.. ..	..	..	..	14.46	M.Ch.	..
5	Chobian Link road	.. ..	..	..	..	..	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

Total length completed during the year under report.

S. No.	Name of Roads.	
1	2	3

6 Batote Bhadarwah road .. 50 miles.

### III. POONCH DIVISION.

1 Poonch Mandi Gulmarg Road .. 21 miles (13 miles A&E & 8 miles).

2 Rajouri Budhal road .. 22 miles.

3 Rajouri Darhal road .. 11 miles.

4 Siot Kalakot road .. 17 miles.

5 Bagila Khurdinu road .. 25 miles.

6 Surran Mendhar road .. 5 miles.

7 Const. of Moghul road .. 8 miles.

### IV. CONST. DIVISION No. I.

1 Bari Brahmna Kalu Chak Purmandal road .. 13 miles.

2 B.B. Gurah Salathian road .. 11 miles.

3 Bajpur Gurah Salathian road .. 3 miles.

4 Rakh Raya Road .. 3 miles.

5 Bajpur Ramgarh road .. 5.5 miles.

6 Dablahar to Maralia road (Ranbir Canal) .. 5 miles.

7 Chak Mohd Yar Chakroi .. 4.5 miles.

8 R. S. Pura Dablahar road .. 3.5 miles.



A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1957-58

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	4	5	6	7	8	9

6 Batote Bhadarwah road .. ..

### III. POONCH DIVISION.

1 Poonch Mandi Gulmarg Road. ....

2 Rajouri Budhal road .. ..

3 Rajouri Darhal road .. 11 .. ..

4 Siot Kalakot Road .. ..

5 Bagila Khurdinu road .. .. 18 ..

6 Surran Mendhar road .. ..

7 Const. of Moghul road .. ..

### IV. CONST. DIVISION No. I.

1 Bari Brahmna Kalu Chak  
Purmandal road .. ..

2 B.B. Gurah Salathian road .. ..

3 Bajpur Gurah Salathian  
road .. ..

4 Rakh Raya Road .. ..

5 Bajpur Ramgarh road .. ..

3.5 5.5  
miles miles

6 Dablahar to Maralia road  
(Ranbir Canal) .. ..

7 Chak Mohd Yar Chakroi .. ..

8 R.S. Pura Dablahar road .. ..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1958-59

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	10	11	12	13	14	15

6 Batote Bhadarwah road .. .. .

### III. POONCH DIVISION.

1	Poonch Mandi Gulmarg Road.	..	..	..	..	6	6
2	Rajouri Budhal road	..	2	..	..	7	12
3	Rajouri Darhal road	..	2	..	..	..	..
4	Siot Kalakot Road	..	3	..	..	3	..
5	Bagila Khurdinu road	..	..	..	..	7	..
6	Surran Mendhar road	..	..	..	..	5	..
7	Const. of Moghul road	..	..	..	..	..	8

### IV. CONST. DIVISION No. I.

1	Bari Brahmna Kalu Chak Purmandal road	..	..	..	..	4	..	..
2	B.B. Gurah Salathian road	..	..	..	..	..	..	..
3	Bajpur Gurah Salathian road	..	..	..	..	..	..	..
4	Rakh Raya Road	..	..	..	..	..	..	..
5	Bajpur Ramgarh road	..	..	..	..	..	..	..
6	Dablahar to Maralia road (Ranbir Canal)	..	..	..	..	..	..	..
7	Chak Mohd Yar Chakroi	..	..	4.5	..	..	..	..
8	R.S. Pura Dablahar road	..	..	..	2	..	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1959-60

S. No.	Name of Road.	A	B	C	D	E	F
1	2	16	17	18	19	20	21

6 Batote Bhadarwah road .. .. .

### III. POONCH DIVISION.

1 Poonch Mandi Gulmarg Road. .. .. . 2

2 Rajouri Budhal road .. .. .

3 Rajouri Darhal road .. .. .

4 Siot Kalakot Road .. .. .

5 Bagila Khurdinu road .. .. .

6 Surran Mendhar road .. .. .

7 Const. of Moghul road .. .. .

### IV. CONST. DIVISION No. I.

1 Bari Brahmna Kalu Chak  
 Purmandal road .. .. . 1

2 B.B. Gurah Salathian road .. .. . 3 1

3 Bajpur Gurah Salathian  
 road .. .. . 3

4 Rakh Raya Road .. .. . 3

5 Bajpur Ramgarh road .. .. .

6 Dablahar to Maralia road  
 (Ranbir Canal) .. .. . 2 1

7 Chak Mohd Yar Chakroi .. .. . 1

8 R.S. Pura Dablahar road .. .. . 2



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1960-61

S. No.	Name of Roads.							Remarks.
		A	B	C	D	E	F	
1	2	22	23	24	25	26	27	28

6 Batote Bhadarwah road .. .. . 6

### III. POONCH DIVISION.

1 Poonch Mandi Gulmarg Road. .. 4 .. 6 .. 4

2 Rajouri Budhal road .. .. .

3 Rajouri Darhal road .. .. .

4 Siot Kalakot Road .. .. 4 7 ..

5 Bagila Khurdinu road .. .. .

6 Surran Mendhar road .. .. . 4

7 Const. of Moghual road .. .. .

### IV. CONST. DIVISION No. I.

1 Bari Brahmna Kalu Chak  
 Purmandal road .. .. .

2 B.B. Gurah Salathian road .. .. . 3

3 Bajpur Gurah Salathian  
 road .. .. . 3

4 Rakh Raya Road .. .. . 3

5 Bajpur Ramgarh road .. .. .

6 Dablahar to Maralia road  
 (Ranbir Canal) .. .. . 3

7 Chak Mohd Yar Chakroi .. .. .

8 R.S. Pura Dablahar road .. .. . 3.5



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	Total length completed during the year under report.
1	2	3
9	Miran Sahib Deoli road	.. 10 miles.
10	Roads in Gandhi Nagar	.. 14.94 miles.
11	Rakh Belicharna road	.. 18 chains.
12	Transport road	.. 1.69 miles.
13	Bishnah Salahar Arnia road	.. 8.10 chains
14	Miran Sahib Bishnah road	.. 2 miles.
15	Mile 11 Suchetgarh road to Laswara	.. 6½ miles.
16	Roads in Central Store	.. 22 chains.
17	Industrial Estate Internal road	.. 1.3 miles.
18	Road from R.S. Pura to Badial Brahmana <i>via</i> Banota	.. 3 miles.
19	R.S. Pura to Salahar <i>via</i> Salamachak	.. 6½ miles.
20	R.S. Pura Chakroi road <i>via</i> Dangri	.. 3½ miles.
21	Ramgarh Nand Pora road	.. 5 miles.
22	Chhani Swankha road	.. 5 miles.
23	Roads in Police Line Jammu	.. .
24	Roads in Polytechnic	.. 0.5 miles.
25	Bari Brahmana Bishnah road	.. 4.0 miles.
26	Transport road joining National Highway	.. 2.5 miles.



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1957-58

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	4	5	6	7	8	9
9	Miran Sahib Deoli road	..	..	..	..	..	..
10	Roads in Gandhi Nagar	..	40 28.80	..	..	..	..
			chains chains				
11	Rakh Belicharna Road	..	4 10.4	..	..	..	..
			chains chains				
12	Transport Road	..	..	..	..	..	..
13	Bishnah Salahar Arnia Road	..	..	8.10	..	..	..
14	Miran Sahib Bishnah Road	..	..	..	..	..	..
15	Mile 11 Suchetgarh road to Laswara	..	..	..	..	..	..
16	Roads in Central Store	..	..	..	..	..	..
17	Industrial Estate Internal road	..	..	..	..	..	..
18	Road from R. S. Pura to Badial Brahmana <i>via</i> Banota	..	..	..	..	..	..
19	R. S. Pura to Salahar <i>via</i> Salamachak	..	..	..	..	..	..
20	R. S. Pura Chakroi road <i>via</i> Dangri	..	..	..	..	..	..
21	Ramgarh Nand Pora road	..	..	..	..	..	..
22	Chhani Swankha road	..	..	..	..	..	..
23	Roads in Police Line Jammu	..	..	..	..	..	..
24	Roads in Polytechnic	..	..	..	..	..	..
25	Bari Brahmana Bishnah Road	..	..	..	..	..	..
26	Transport Road joining National Highway	..	..	..	..	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1958-59

S. No.	Name of roads.	A	B	C	D	E	F
1	2	10	11	12	13	14	15
9	Miran Sahib Deoli road	..	..	5	..	..	..
10	Roads in Gandhi Nagar	..	4	0.4	0.49	..	..
11	Rakh Belicharna Road	..	..	..	..	..	..
12	Transport Road	.. 1.69	1.69	1.69	1.69	..	..
13	Bishnah Salahar Arnia Road	..	2	..	..	..	..
14	Miran Sahib Bishnah Road	..	..	..	..	..	..
15	Mile 11 Suchetgarh road to Laswara	.. 2	..	..	..	..	..
16	Roads in Central Store	.. 22 ch.	22 ch.	22 ch.	..	..	..
17	Industrial Estate Internal road	..	..	..	..	..	..
18	Road from R. S. Pura to Badial Brahmana via Banota.	3	..	..	..	..	..
19	R. S. Pura to Salahar via Salamachak	..	..	..	..	..	..
20	R. S. Pura Chakroi road via Dangri	..	..	..	..	..	..
21	Ramgarh Nand Pora road	..	..	..	..	..	..
22	Chhani Swankha road	..	..	..	..	..	..
23	Roads in Police Line Jammu	..	..	..	..	..	..
24	Roads in Polytechnic	..	..	..	..	..	..
25	Bari Brahmana Bishnah Road	..	..	..	..	..	..
26	Transport Road joining National Highway	..	..	..	..	..	..



A—Earth Work.

B—Shingling.

C—Metalling.

D—Surfacing.

E—Jeep Track.

F—Bridle Road.

1959-60

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	16	17	18	19	20	21
9	Miran Sahib Deoli road	.. ..	5	..	..	..	..
10	Roads in Gandhi Nagar	.. ..	2.24	2.5	2.51	0.75	..
11	Rakh Belicharna Road	.. ..	..	..	..	..	..
12	Transport Road	.. 1.69	1.69	1.69	1.69	..	..
13	Bishnah Salahar Arnia Road	.. ..	3	..	..	..	..
14	Miran Sahib Bishnah Road	.. ..	2	..	..	..	..
15	Mile 11 Suchetgarh road to Laswara	.. ..	..	..	..	..	..
16	Roads in Central Store	.. ..	..	..	..	..	..
17	Industrial Estate Internal road	.. 0.9 miles	0.4 ch.	0.4 ch.	..	..	..
18	Road from R. S. Pura to Badial Brahmana <i>via</i> Banota.	3	..	..	..	..	..
19	R. S. Pura to Salahar <i>via</i> Salamachak	.. 6½	..	..	..	..	..
20	R. S. Pura Chakroi road <i>via</i> Dangri	.. 3½	..	..	..	..	..
21	Ramgarh Nand Pora road	.. ..	..	..	..	..	..
22	Chhani Swankha road	.. ..	..	..	..	..	..
23	Roads in Police Line Jammu	.. ..	..	..	..	..	..
24	Roads in Polytechnic	.. ..	..	..	..	..	..
25	Bari Brahmana Bishnah Road	.. ..	..	..	..	..	..
26	Transport Road joining National Highway	.. ..	..	..	..	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	1960-61						Remarks
		A	B	C	D	E	F	
1	2	22	23	24	25	26	27	28
9	Miran Sahib Deoli road	..	..	..	5.0	..	..	
10	Roads in Gandhi Nagar	..	1.5	3.5	5.0	..	..	
11	Rakh Belicharna Road	..	..	..	..	..	..	
12	Transport Road	..	..	..	..	..	..	
13	Bishnah Salahar Arnia Road	..	..	..	2.0	..	..	
14	Miran Sahib Bishnah Road	..	2.0	..	..	..	..	
15	Mile 11 Suchetgarh road to Laswara	..	..	..	..	..	..	
16	Roads in Central Store	..	..	..	..	..	..	
17	Industrial Estate Internal road	..	..	..	..	..	..	
18	Road from R. S. Pura to Badial Brahmana via Banota.	..	..	..	..	..	..	
19	R. S. Pura to Salahar via Salamachak	..	..	1	..	..	..	
20	R. S. Pura Chakroi road via Dangri	..	..	1	..	..	..	
21	Ramgarh Nand Pora road	..	5	..	..	..	..	
22	Chhani Swankha road	..	5	..	..	..	..	
23	Roads in Police Line Jammu	..	0.5	0.5	0.5	..	..	
24	Roads in Polytechnic	..	0.5	0.5	0.5	..	..	
25	Bari Brahmana Bishnah Road	..	..	4.0	..	..	..	
26	Transport Road joining National Highway	..	1.0	1.0	1.0	1.0	..	



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	Total length completed during the year under report.
1	2	3

#### V. CONSTRUCTION DIVISION No. II.

1	Janipura Akhnoor road <i>via</i> Ambgharota	.. 14 miles.
2	Jourian Chhamb road	.. 10½ miles.
3	Const. of Road from Gajansoo to Kahna Chak.	8 miles.
4	Tillo Tank Ghau-Manahasan road	.. 6½ miles.
5	Akhnoor Chhamb road	.. 16 miles.
6	Tillo Tank Gajansoo road	.. 11 miles.
7	Khour Hamirpur Sidhar road	.. 3.5 miles.

#### VI. SPL. SUB-DIVISION KATHUA.

1	Improvement to Lakhanpur Basohli road	.. 22.2 miles.
2	Metalling Tarring Ujh Khor Punnu road	.. 10 miles.
3	Const. of Dialachak Dinga Amb road	.. 6.5 miles.
4	Improvement of old Samba Kathua road incl. cost of links	.. 35 miles.
5	Metalling and Tarring Jangalote Link road	.. 2.8
6	Metalling and Tarring Kharote Link road	.. 2.8 miles.
7	Metalling Tarring Lakhanpur Basohli road	.. 22.2 miles.



A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1957-58

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	4	5	6	7	8	9

## V. CONSTRUCTION DIV. No. II.

1	Janipura Akhnoor Road <i>via</i> Ambgharota	6	..	..	..	..	..
2	Jourian Chhamb road	..	6	..	..	..	..
3	Const. of Road from Gajansoo to Kahna Chak	..	..	..	..	..	..
4	Tillo Tank Ghau-Manahasan road	..	..	..	..	..	..
5	Akhnoor Chhamb road	..	..	..	..	..	..
6	Tillo Tank Gajansoo Road	..	..	..	..	..	..
7	Khour Hamirpur Sidhar road.	..	..	..	..	..	..

## VI. SPL. SUB-DIVISION KATHUA.

1	Improvement to Lakhanpur Basohli road	..	..	..	..	..	..
2	Metalling Tarring Ujh Khor Punnu Road	..	..	..	..	..	..
3	Const. of Dialachak Dinga Amb Road	3	2	..	..	..	..
4	Improvement of old Samba Kathua road incl. cost of links	1	..	..	1.5	..	..
5	Metalling and Tarring Jangalote Link road	..	..	..	..	..	..
6	Metalling and Tarring Kharote Link road	..	..	..	..	..	..
7	Metalling Tarring Lakhanpur Basohli road	..	..	..	..	..	..



A—Earth Work.

B—Shingling.

C—Metalling.

D—Surfacing.

E—Jeep Track.

F—Bridle Road.

1958-59

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	10	11	12	13	14	15

## V. CONSTRUCTION DIV. No. II.

1	Janipura Akhnoor Road <i>via</i> Ambgharota	..	..	1	..	..	..
2	Jourian Chhamb road	..	2	..	..	..	..
3	Const. of Road from Gajansoo to Kahna Chak	..	..	..	..	..	..
4	Tillo Tank Ghau-Manahasan road	..	..	..	..	..	..
5	Akhnoor Chhamb road	..	..	..	..	..	..
6	Tillo Tank Gajansoo Road	..	..	..	..	..	..
7	Khour Hamirpur Sidhar road.	..	..	..	..	..	..

## VI. SPL. SUB-DIVISION KATHUA.

1	Improvement to Lakhanpur Basohli road	..	..	..	..	..	..
2	Metalling Tarring Ujh Khor Punnu Road	..	..	4	..	..	..
3	Const. of Dialachak Dinga Amb Road	3	2.5	..	..	..	..
4	Improvement of old Samba Kathua road incl. cost of links	5	4	3	..	..	..
5	Metalling and Tarring Jangalote Link road	..	..	..	..	..	..
6	Metalling and Tarring Kharote Link road	..	..	1.0	..	..	..
7	Metalling Tarring Lakhanpur Basohli road	..	..	2.0	2.0	..	..



A—Earth Work.  
B—Shingling.  
C—Metalling.  
D—Surfacing.  
E—Jeep Track.  
F—Bridle Road.

1959-60

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	16	17	18	19	20	21

## V. CONSTRUCTION DIV. No. II.

1	Janipura Akhnoor Road <i>via</i> Ambgharota	..	..	5	..	..	..
2	Jourian Chhamb road	..	..	4	..	..	..
3	Const. of Road from Gajansoo to Kahna Chak	4	..	..	..	..	..
4	Tillo Tank Ghau-Manahasan road	..	..	..	..	..	..
5	Akhnoor Chhamb road	..	..	..	..	..	..
6	Tillo Tank Gajansoo Road	..	..	..	..	..	..
7	Khour Hamirpur Sidhar road	..	..	..	..	..	..

## VI. SPL. SUB-DIVISION KATHUA.

1	Improvement to Lakhanpur Basohli road	3.2	..	..	..	..	..
2	Metalling Tarring Ujh Khor Punnu Road	..	..	5	..	..	..
3	Const. of Dialachak Dinga Amb Road	1	1	5	..	..	..
4	Improvement of old Samba Kathua road incl. cost of links	25.0	6.0	5.5	..	..	..
5	Metalling and Tarring Jangalote Link road	..	..	0.2	2.8	..	..
6	Metalling and Tarring Kharote Link road	..	..	1.5	1.0	..	..
7	Metalling Tarring Lakhanpur Basohli road	..	5.0	5.0	1.0	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	1960-61						Remarks.
		A	B	C	D	E	F	
1	2	22	23	24	25	26	27	28
V. CONSTRUCTION DIV. NO. II.								
1	Janipura Akhnoor Road <i>via</i> Ambgharota	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	
2	Jourian Chhamb road	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	
3	Const. of Road from Gajansoo to Kahna Chak	.. 4	.. ..	.. ..	.. ..	.. ..	.. ..	
4	Tillo Tank Ghau-Manahasan road	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	
5	Akhnoor Chhamb road	.. ..	.. ..	5	.. ..	.. ..	.. ..	
6	Tillo Tank Gajansoo Road	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	
7	Khour Hamirpur Sidhar road..	3	.. ..	.. ..	.. ..	.. ..	.. ..	
VI. SPL. SUB-DIVISION KATHUA.								
1	Improvement to Lakhanpur Basohli road	.. 2	.. ..	.. ..	.. ..	.. ..	.. ..	
2	Metalling Tarring Ujh Khor Punnu Road	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	
3	Const. of Dialachak Dinga Amb Road	.. ..	.. ..	0.5	5	.. ..	.. ..	
4	Improvement of old Samba Kathua road incl. cost of links	.. ..	.. ..	17.0	.. 1.5	.. ..	.. ..	
5	Metalling and Tarring Jangalote Link road	.. ..	.. ..	.. ..	2.8	.. ..	.. ..	
6	Metalling and Tarring Kharote Link road	.. ..	.. ..	.. ..	2.8	.. ..	.. ..	
7	Metalling Tarring Lakhanpur Basohli road	.. ..	6	4 5.0	.. ..	.. ..	.. ..	



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	Total length completed during the year under report.
1	2	3
8	Const. of Link road from Panjgrain Brahmana Katal Brahmana Chhan Katrian upto National Highway	5.5 miles.
9	Haripur Padel Pansar Link road	4.7 miles.
10	Improvement to Basohli Bani Bridle road	30.0 miles.
11	Const. of road from Parole to Mychak <i>via</i> Sawan.	4.5 miles.
12	Const. of Road connecting Hatli with main Jammu Pathankot road	7 miles.
13	Construction of road connecting Barwal with Jammu Pathankot road	2.6 miles.
14	Const. of road connecting Budhi with Jammu Pathankot road	1.7 miles.
15	Const. of road from Hiranagar to Katal	4.0 miles.
16	Road from Billawar to Sakrala	6.0 miles.
17	Road from Nagri Narote to Jamal Singh	2.0 miles.
VII. NATIONAL HIGHWAY DIVISION BATOTE.		
1	Ramban Dhamkund road	13 miles.
2	Lamber Bunkote road	2 miles.



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1957-58

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	4	5	6	7	8	9
8	Construction of Link road from Panjgrain Brahmana Katal Brahmana Chhan Katrian upto National Highway ..	..	..	..	..	..	..
9	Haripur Padel Pansar Link road ..	..	..	..	..	..	..
10	Improvement to Basohli Ban Bridle road ..	..	..	..	..	..	..
11	Const. of Road from Parole to Mychak <i>via</i> Sawan ..	..	..	..	..	..	..
12	Const. of Road connecting Hatli with main Jammu Pathankot Road ..	..	..	..	..	..	..
13	Const. of road connecting Barwal with Jammu Pathankot road ..	..	..	..	..	..	..
14	Const. of Road connecting Budhi with Jammu Pathankot road ..	..	..	..	..	..	..
15	Const. of road from Hiranagar to Katal ..	..	..	..	..	..	..
16	Road from Billawar to Sakrala ..	..	..	..	..	..	..
17	Road from Nagri Narote to Jamal Singh ..	..	..	..	..	..	..
VII. NATIONAL HIGHWAY DIV. BATOTE.							
1	Ramban Dhamkund Road ..	..	..	..	..	..	..
2	Lamber Bunkote road ..	..	..	..	..	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

S. No.	Name of Roads.	1958-59					
		A	B	C	D	E	F
1	2	10	11	12	13	14	15
8	Construction of Link road from Panjgrain Brahmana Katal Brahmana Chhan Katrian upto National Highway ..	3.5	..	..	..	..	..
9	Haripur Padel Pansar Link road ..	2.0	..	..	..	..	..
10	Improvement to Basohli Bani Bridle road ..	6.0	..	..	..	..	..
11	Const. of Road from Parole to Mychak <i>via</i> Sawan ..	..	..	..	..	..	..
12	Const. of Road connecting Hatli with main Jammu Pathankot Road ..	..	..	..	..	..	..
13	Const. of road connecting Barwal with Jammu Pathankot road ..	..	..	..	..	..	..
14	Const. of Road connecting Budhi with Jammu Pathankot road ..	..	..	..	..	..	..
15	Const. of road from Hiranagar to Katal ..	..	..	..	..	..	..
16	Road from Billawar to Sakrala ..	..	..	..	..	..	..
17	Road from Nagri Narote to Jamal Singh ..	..	..	..	..	..	..
VII. NATIONAL HIGHWAY DIV. BATOTE.							
1	Ramban Dhamkund Road ..	..	..	..	..	..	..
2	Lamber Bunkote road ..	..	..	..	..	..	..



A—Earth Work.  
 B—Shingling.  
 C—Metalling.  
 D—Surfacing.  
 E—Jeep Track.  
 F—Bridle Road.

1959-60

S. No.	Name of Roads.	A	B	C	D	E	F
1	2	16	17	18	19	20	21
8	Construction of Link road from Panjgrain Brahmana Katal Brahmana Chhan Katrian upto National Highway	..	..	..	..	..	..
9	Haripur Padel Pansar Link road	..	..	..	..	..	..
10	Improvement to Basohli Bani Bridle road	.. 8.0	..	..	..	..	..
11	Const. of Road from Parole to Mychak <i>via</i> Sawan	.. 2.0	..	..	..	..	..
12	Const. of Road connecting Hatli with main Jammu Pathankot Road	.. 1.5	..	..	..	..	..
13	Const. of road connecting Barwal with Jammu Pathankot road	.. 2.6	..	..	..	..	..
14	Const. of Road connecting Budhi with Jammu Pathankot road	.. 1.7	..	..	..	..	..
15	Const. of road from Hiranagar to Katal	.. 1.0	..	..	..	..	..
16	Road from Billawar to Sakrala	..	..	..	..	..	..
17	Road from Nagri Narote to Jamal Singh	..	..	..	..	..	..
VII. NATIONAL HIGHWAY DIV. BATOTE.							
1	Ramban Dhamkund Road	.. 1.0	..	..	..	..	..
2	Lamber Bunkoteroad	..	..	..	..	2	..



A—Earth Work.

B—Shingling.

C—Metalling.

D—Surfacing.

E—Jeep Track.

F—Bridle Road.

S. No.	Name of Roads.	1960-61						Remarks.
		A	B	C	D	E	F	
1	2	22	23	24	25	26	27	28
8	Construction of Link road from Panjgrain Brahmana Katal Brahmana Chhan Katrian upto National Highway	..2.5	..	..	..	..	..	
9	Haripur Padel Pansar Link road	..2.0	..	..	..	..	..	
10	Improvement to Basohli Bani Bridle road	..11.0	..	..	..	..	..	
11	Const. of Road from Parole to Mychak <i>via</i> Sawan	..2.0	..	..	..	..	..	
12	Const. of Road connecting Hatli with main Jammu Pathankot Road	..4.0	..	..	..	..	..	
13	Const. of road connecting Barwal with Jammu Pathankot road	..2.6	..	..	..	..	..	
14	Const. of Road connecting Budhi with Jammu Pathankot road	..1.7	..	..	..	..	..	com-pleted
15	Const. of road from Hira-nagar to Katal	..3.0	..	..	..	..	..	com-pleted
16	Road from Billawar to Sakrala	.. 6	..	..	..	..	..	in progress
17	Road from Nagri Narote to Jamal Singh	.. 2	..	..	..	..	..	in progress
VII. NATIONAL HIGHWAY DIV.								
BATOTE.								
1	Ramban Dhamkund Road	.. 6	..	..	..	..	..	
2	Lamber Bunkote road	..	..	..	..	..	..	



## STATEMENT OF NEW

S. No.	Name of the Bridge.	Name of road with name of mile on which the bridge falls.
--------	---------------------	---

1

2

3

## UDHAMPUR.

- |   |   |  |
|---|---|--|
| 1 | Nari Nallah.  | Mile 9 Udhampur Ramnagar road.         |
| 2 | Nomani Bridge.  | Suketar Kachapind Jandrah road Mile 8. |
| 3 | Meari Bridge.   | S.K. Road Mile 4th.                    |
| 4 | Bridge Mile 1st Chenani Sudh Maha-<br>dev Road.                       | Chenani Sudh Mahadev road.             |
| 5 | Construction of 140' Span Steel<br>Girder Bridge.                     | Mile 12 Udhampur Ramnagar<br>Road.     |
| 6 | Const. of 28' Span R.C.C. T. & P.<br>Beam Culvert in Mile 171 Ch. 35. | N. H. Way road.                        |
| 7 | Const. of 20 Span R.C.C.T. Bridge<br>mile 7th.                        | Chenani Sud-Mahadev Road.              |
| 8 | Const. of 20' Span R. C. C. Span<br>& 40' R.C.C.T. Beam Bridge.       | Suketar Kachapind Jundrah<br>road.     |

## DODA DIVISION (KHELANI).

## DODA THATHRI ROAD RIVER.

- |   |                               |   |
|---|-------------------------------|---|
| 1 | Khelani Nallah bridge.        | Mile 29 BB Road.                        |
| 2 | Thathri Nallah Bridge.        | Mile 1 Thathri Kishtwar road.           |
| 3 | Kadri Foot Suspension bridge. | Mile 7 Kishtwar Chatroo<br>bridge road. |
| 4 | Foot bridge Hastia Nallah.    | Near Jama Masjid at Bhaderwah           |
| 5 | Const. of Katigarh Bridge.    | Mile 2nd Thathri Kishtwar<br>Road.      |
| 6 | Darab Shah Bridge.            | Mile 3rd Thathri Kishtwar road.         |
| 7 | Kandi Nallah bridge.          | Mile 6th do.                            |



## BRIDGES COMPLETED.

Name of River on which bridge is constructed.	Span.	Class loading.
4	5	6
Nari Nallah.	20'	12 Ton.
Nallah.	30	..
Meari Nallah.	56'	18 Class.
Chenani.	75'	9 Class.
Kish Nallah.	140'	12 Class.
Nallah.	28'	All Loading.
Bushat Nallah.	20'	do.
Nallah.	20'	do.
Khelani Nallah.	1x54'	Class 12.
Kalani.	1x80'	do.
Warna river.	1x126'	Foot Bridge.
Hastia Nallah.	65'	do.
Katigarh.	1-140' 1-40'	Class 12.
Darab Shah Nallah.	64'	do.
Kandi Nallah.	40'	do.



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Type.	Cost.
1	2	7	8

## UDHAMPUR.

			Rs.
1	Nari Nallah.	Arch Bridge.	33,300
2	Nomani Bridge.	do.	58,000
3	Meari Bridge.	Wooden Under Strathed.	80,000
4	Bridge Mile 1st Chenani Sudh Mahadev Road.	Double Strathed Bridge.	75,000
5	Construction of 140' Span Steel Girder Bridge.	R.C.C. Deck Slab Girder.	3,35,000
6	Const. of 28' Span R.C.C. T. & P. Beam Culvert in Mile 171 Ch. 35.	R. C. C.	39,600
7	Const. of 20 Span R.C.C.T. Bridge mile 7th.	R.C.C.	29,100
8	Const. of 20' Span R.C.C. Span and 40' R.C.C. T. Beam Bridge.	R.C.C. & R.C.C. Beam.	69,840

## DODA DIVISION (KHELANI).

## DODA THATHRI ROAD RIVER.

1	Khelani Nallah bridge.	Strathed.	54,000
2	Thathri Nallah Bridge.	do.	30,100
3	Kadri Foot Suspension bridge.	Suspension bridge.	38,000
4	Foot bridge Hastia Nallah.	Double strathed.	12,600
5	Const. of Katigarh Bridge.	Girder Bridge.	5.26 lakhs.
6	Darab Shah Bridge.	Wooden Strathed.	86,300
7	Kandi Nallah bridge.	do.	27,600



## BRIDGES COMPLETED.

Year when completed.

1957-58	1958-59	1959-60	1960-61	Remarks.
9	10	11	12	13
Completed.	..	..	..	
Completed.	..	..	..	
Completed.	..	..	..	
..	..	Completed.	..	
..	..	..	Completed.	
..	..	..	Completed.	
..	..	..	Completed.	
..	..	..	Completed.	
..	Completed.	..	..	
..	Completed.	..	..	
..	..	Completed.	..	
..	..	Completed.	..	
..	..	Completed.	..	
..	..	Completed.	..	
..	..	Completed.	..	



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Name of road with name of mile on which the bridge falls.
--------	----------------------	---

1	2	3
8	Riggi Nallah bridge.	Mile 21st Batote Bhaderwah road.
9	Pranu Bridge.	Near mile 35 B.B. Road.
10	Trangle Bridge.	Mile 15 B.B. Road.
11	Kanthni Nallah bridge.	Mile 2 B.B. Road.
12	Bridge Mile 36 Ch. 44 B.B. Road.	Mile 36 Ch. 44 B.B. Road.
13	Bridge Mile 45 Ch. 7 B.B. Road.	Mile 45 Ch. 7 B.B. Road.
14	Bridge Mile 45 Ch. 32 B.B. Road.	Mile 45-32 B.B. Road.
15	Wardha bridge.	Mile 9 T.K. Road.

## POONCH DIVISION.

1	Const. of Kalai Bridge.	Mile 151 Jammu Poonch Road.
2	Const. of Suran Bridge.	Suran Lathoug Bridge.
3	Darbali Tawi bridge.	Mile 3rd Rajouri Thana Mandi road.
4	Salani Bridge.	Thana Mandi Road Mile 1st.
5	Dharamsal Bridge.	Siot Kala Kote Road.
6	Solki bridge.	Mile 7th do.

## CONSTRUCTION DIVISION No. II.

Nil.

## SPECIAL SUB-DIVISION KATHUA.

1	Major Bridge at Parole.	Kathua Parole road Mile 5th.
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## NATIONAL HIGHWAY DIVISION, BATOTE.

1	Bridge at Digdole at Jammu Srinagar road.	National Highway.
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## BRIDGES COMPLETED.

Name of River on which bridge is constructed.	Span.	Class loading.
4	5	6
Riggi Nallah.	64'	Class 12.
Near Nallah.	145'	Foot Bridge.
River Chanab.	200'	do.
Kanthni Nallah.	45'	Class 12.
..	30	do.
..	25'	do.
..	20'	do.
Wardhar Nallah.	150'	do.
Poonch River.	143x5	30 Class Hamilton Superstructure constructed by Army.
Surran river.	225	Light Traffic Girder.
Darbali Tawi bridge.	126' with side span of 15.	Class 24 Hamilton.
Sukh Tawi Rajouri.	2-135'	Class 24.
Nallah.	62' span.	..
Silki Tawi.	T-Beam span 49' and 139 span.	Class B.
Nil.	Nil.	Nil.
Wajoo Nallah.	326' Span.	Foot bridge.
Nallah Mile 19.	R.C.C. Tie Beam.	Class "A".



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Type.	Cost.
1	2	7	8
			Rs.
8	Riggi Nallah bridge.	Wooden Strathed.	27,600
9	Pranu Bridge.	do.	24,900
10	Trangle Bridge.	Suspension.	1,02,000
11	Kanthni Nallah bridge.	Single Strathed.	28,300
12	Bridge Mile 36 Ch. 44 B.B. Road.	do.	27,900
13	Bridge Mile 45 Ch. 7 B.B. Road.	do.	39,300
14	Bridge Mile 45 Ch. 32 B.B. Road.	do.	27,500
15	Wardha bridge.	Wooden Strathed.	42,500
POONCH DIVISION.			
1	Const. of Kalai Bridge.	..	5,41,031
2	Const. of Suran Bridge.	..	1,11,998
3	Darbali Tawi bridge.	Class 24 Hamilton.	13,669
4	Salani Bridge.	do.	2,51,990
5	Dharamsal Bridge.	..	44,000
6	Solki bridge.	..	68,647
CONSTRUCTION DIVISION No. II.		Nil.	Nil.
SPECIAL SUB-DIVISION KATHUA.			
1	Major Bridge at Prole.	..	1,54,254
NATIONAL HIGHWAY DIVISION, BATOTE.			
1	Bridge at Digdole at Jammu Srinagar road.	..	1,56,500



## BRIDGES COMPLETED.

Year when completed				Remarks.
1957-58	1958-59	1959-60	1960-61	
9	10	11	12	13
..	Completed.	..	..	
..	..	Completed.	..	
..	..	..	Completed.	
..	..	..	Completed.	
..	..	..	Completed.	
..	..	..	Completed.	
..	..	..	Completed.	
..	..	Completed.	..	
..	Completed.	..	..	
Completed superstruc- ture done by Army.	..	..	..	
do.	..	..	..	
..	..	..	Completed	
..	..	..	Completed excepting Girder.	
..	..	..	Completed.	
..	..	..	Completed.	



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Name of road with name of mile on which the bridge falls.
1	2	3
I. UDHAMPUR DIVISION.		
1	Kuh Nallah bridge.	Ramnagar Road Mile 12th.
2	Jhajjar Nallah bridge.	Suketar Katchapind Jindrah Mile 6th.
3	Widening of Arch Culvert.	National Highway road Mile 175 Ch. 20.
4	Const. of 28' Span Arch Culvert.	National Highway M. 171 Ch. 35.
5	Const. of 8'x10' span Arch Culvert.	National Highway Mile 141-3 and 35.
6	Const. of 160' span foot suspension bridge in Gulabgarh area.	Gulabgarh area.
7	Const. of Dokheda Nallah Girder Bridge.	Jangal Gali road.
II. DODA DIVISION.		
1	Kenderi Nallah Bridge.	B.B. Road Mile 15.
2	Kanthari Nallah Bridge.	B.B. Road Mile 15.
3	Re-const. of Bridge in Mile 36 Ch. 44.	B.B. Road.
4	Re-const. of Bridge in Mile 45 Ch. 7.	do.
5	Sarole Bagh Bridge.	Sarole Bagh Bhadarwah.
6	Pranu Bridge.	B. B. Road Mile 35.
7	Watalhal Bridge Kishtwar.	Vill. Watalhal near Kishtwar Chatroo Smythen Bridle road.
8	Pullar Bridge Kishtwar.	Kishtwar Paddar Road M. 16.



## BRIDGES STARTED.

Name of River on which bridge is being constructed.	Span.	Class of loading.
4	5	6
Kuh Nallah.	140'	I.R.C. Class loading
Jhajjar Nallah.	100x50'	do. A Loading.
Nallah.	12'	IRC Class A load- ing.
do.	28'	do.
do.	8x10	do.
Bindraban Nallah.	160'	Foot Bridge.
Dokhada Nallah.	100'	IRC Class A load- ing Bridge.
Kander i Nallah.	70'	12 Class.
Kanthari Nallah.	45'	do.
..	30'	do.
..	25'	do.
Neeru Nallah.	145'	Foot Bridge.
do.	145'	do.
River Chenab.	200'	do.
do.	16'	do.



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Type.	Estimated Cost.
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1	2	7	8
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## I. UDHAMPUR DIVISION.

Rs.

1	Kuh Nallah bridge.	..	3.55 lakhs.
2	Jhajjar Nallah bridge.	Steel Girder bridge.	2.62 lakhs.
3	Widening of Arch Culvert.	Arch.	24,600
4	Const. of 28' Span Arch Culvert.	T. Beam R.C.C. Bridge.	39,600
5	Const. of 8'x10' span Arch Culvert.	Arch.	26,000
6	Const. of 160' span foot suspension bridge in Gulabgarh area.	Suspension.	1,50,800
7	Const. of Dokheda Nallah Girder Bridge.	Steel Girder.	1,11,500

## II. DODA DIVISION.

1	Kenderi Nallah Bridge.	Strathed.	40,000
2	Kanthari Nallah Bridge.	do.	28,300
3	Re-const. of Bridge in Mile 36 Ch. 44.	do.	27,900
4	Re-const. of Bridge in Mile 45 Ch. 7.	do.	39,300
5	Sarole Bagh Bridge.	Suspension.	41,200
6	Pranu Bridge.	Wooden Strathed.	24,900
7	Watalhal Bridge Kishtwar.	Suspension.	1,03,000
8	Pullar Bridge Kishtwar.	do.	1,33,400



## BRIDGES STARTED.

[illegible]



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Name of road with name of mile on which the bridge falls.
--------	----------------------	---

1	2	3
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9	Re-const. of Bridge in Mile 45 Ch. 32.	B.B. Road.
10	Chatroo Bridge.	Kishtwar Chatroo Symthen bridle road Mile 16.
11	Kalotran Bridge.	Thathri Kalotran road.
12	Mohalla Bridge.	Vill. Mohalla near Mile 8 Doda Thathri road.
13	Wardah Bridge.	Thathri Kishtwar road M-9.
14	Doda Lorry Suspension bridge.	Doda Link Road Mile Ist.

## III. POONCH DIVISION.

1	Dharamsal Bridge.	Siot Kalakot Road.
2	Solki bridge.	do. M-7.
3	Kalakote Bridge.	do. Mile 15.
4	Slalsui bridge.	Bagila Khurdinu Road M. 25.
5	Berripattan Bridge.	Jammu Poonch Road Sunder- bani, Nowshera Sector <i>via</i> Berripattan old road.
6	Mandi Bridge.	Poonch Mandi road Mile 13.

7	Laying cement concrete aprons. on 1 to 4 piers of Kalai Bridge including protected work.	Jammu Poonch road mile 151.
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## IV. CONSTRUCTION DIVISION NO. I JAMMU.

1	Const. of 100' span bridge over Garror nallah on Dablehar Arnia road Mile 3.	Dablehar Arnia Road M. 3.
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## BRIDGES STARTED.

Name of River on which bridge is being constructed.	Span.	Class of loading.
4	5	6
..	20'	12 Class.
Chatroo Nallah.	125'	Foot Bridge.
Kalgoni Nallah.	125'	do.
River Chenab.	400'	do.
Wardah Nallah.	150'	12 Class.
River Chenab.	288'	Class 18.
Dharamsal Nallah.	62	R.C.C. T-60.000.
Solki Tawi.	..	One span RCC Beam-cum-Deck Slab Girder.
Srar Tawi.	3 span of 40' each.	do.
Sialsui Nallah.	O.W. 35'	do.
Berripattan Bridge.	271' and one side span 60'.	Class 8 loading.
Mandi Nallah.	2-100'	Class 9.
Poonch river.		
Garror Nallah.	100'	A Class.



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Type.	Estimated Cost.
1	2	7	8
			Rs.
9	Re-const. of Bridge in Mile 45 Ch. 32.	Single strathed.	27,500
10	Chatroo Bridge.	Suspension.	1,14,700
11	Kalotran Bridge.	do.	1,14,700
12	Mohalla Bridge.	do.	2,00,800
13	Wardah Bridge.	Wooden strathed.	42,500
14	Doda Lorry Suspension bridge.	Suspension.	6.5 lakhs.
III. POONCH DIVISION.			
1	Dharamsal Bridge.	..	..
2	Solki bridge.	..	2.91 lakhs.
3	Kalakote Bridge.	40' masonry arch.	1,00,560
4	Slalsui bridge.	Stone masonry arch	30,200
5	Berripattan bridge	Suspension.	4.27 lakhs.
6	Mandi Bridge.	Girder.	Work approved for 4.25 lacs. 1,22,100 incl. O.W. & flood restoration.
7	Laying cement concrete aprons, on 1 to 4 piers of Kalai Bridge including protected work.	..	..

## IV. CONST. DIVISION No. I JAMMU.

1	Const. of 100' span bridge over Garror nallah on Dablehar Arnia road Mile 3.	..	1.12 lakhs.
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## STATEMENT OF NEW

S. No.	Name of the Bridges.	Name of road with name of mile on which the bridge falls.
1	2	3

## V. CONSTRUCTION DIVISION NO. II JAMMU.

- 1 R.C.C. bridge Jammu Gajansoo road. Hazuri Bagh Gajansoo road M. 6th.
- 2 Const. of 12' span bridge on Jammu Akhnoor road M. 15th. Akhnoor road.
- 3 100' Girder bridge in M. 11 Jammu Gajansoo road M. 11th. Gajansoo road.
- 4 Kuna Nallah Chhamb road.

## VI. SPL. SUB-DIVISION KATHUA.

- 1 Suspension bridge over nallah Sewa at Bani. Basohli Bani road.
- 2 Suspension foot bridge over Nallah Sewa at Bani. do.
- 3 Const. of Girder bridge at Behani. Lakhanpur road M. 17.

## VII. N. H. DIVISION BATOTE.

- 1 Bridge. Srinagar Jammu Road N. H. Way No. I-A Mile
- 2 do. do. mile 103.
- 3 do. do. mile 106
- 4 do. do. mile 107.
- 5 Dhamkund bridge. Ramban Dhamkund Road mile 14th.



## BRIDGES STARTED

Name of River on which bridge is being constructed.	Span.	Class of loading.
4	5	6
March Nallah.	80'	A Class loading.
..	12'	..
Nallah.	100'	..
do.	760'	..
Nallah Sewa.	1-110'	..
do.	..	..
Basohli.	..	104 CC of bearings.
Digdole Nallah.	40'	A.
..	40'	A.
..	40'	A.
Ramban Nallah.	40'	A.
Chenab.	1x300' 1x45'	..



## STATEMENT OF NEW

S. No.	Name of the Bridges.	Type.	Estimated Cost.
1	2	7	8
V. CONST. DIVISION No. II JAMMU.			
1	R.C.C. bridge Jammu Gajansoo road.	Pier & abutment in brick masonry RCC. T. beam and RCC slab.	93,700
2	Const. of 12' span bridge on Akhnoor road.	..	..
3	100' Girder bridge in M. 11 Jammu Gajansoo road.	Girder.	..
4	Kuna Nallah.	Causeway.	..
VI. SPL. SUB-DIVISION KATHUA.			
1	Suspension bridge over nallah Sewa at Bani.	Suspension.	1,24,000
2	Suspension foot bridge over Nallah Sewa at Bani.	Foot Bridge.	10,730
3	Const. of Girder bridge at Behani.	Motorable bridge.	56,600
VII. N. H. DIVISION BATOTE.			
1	Bridge.	R.C.C.T. Beam.	1,56,700
2	do.	Arched.	57,960
3	do.	R.C.C.	1,50,200
4	do.	Arched.	1,46,800
5	Dhamkund bridge.	Suspension.	Details under preparation.



## BRIDGES STARTED.

Year when started.				Remarks.
1957-58	1958-59	1959-60	1960-61	
9	10	11	12	13
..	..	..	Started.	
Started.	..	..	..	
..	..	..	Started.	
..	..	..	Started.	
..	..	..	Started.	
..	..	..	Started.	
..	..	..	Started.	
..	..	Started.	..	
..	..	Started.	..	
..	..	Started.	..	
..	..	Started.	..	
..	..	..	Started.	



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
1.	CONSTRUCTION DIVISION NO. 1, JAMMU.	
1	Construction of 8 rooms for High School Building at R. S. Pura	.. Original Work.
2	Const. of 2 Rooms for High School Building at R. S. Pura.	do.
3	Const. of Stables and Syce Qrs. at R.S. Pura	.. do.
4	Const. of Surgical Unit at R.S. Pura	.. do.
5	Const. of 8 Nos. Servants Qrs. at Rakh Belicharana	.. do.
6	Const. of Store Room at Rakh Belicharana	.. do.
7	Const. of Water Trough at Rakh Belicharana	.. do.
8	Const. of Ponies Shed at Rakh Belicharana	.. do.
9	Const. of Office Room at Poultry Farm at Rakh Belicharana	.. do.
10	Const. of Boarding House at Rakh Belicharana	.. do.
11	Const. of Laying Hens at Rakh Belicharana	.. do.
12	Const. of Menial Qrs. at Rakh Belicharana	.. do.
13	Const. of 8 Nos. staff Qrs. at Gandhinagar	.. do.
14	Const. of 36 Nos. 3 room Qrs. at Gandhinagar	.. do.
15	Const. of 60 Nos. 2 room Qrs. at Gandhinagar	.. do.
16	Const. of 30 Nos. 3 room Qrs. at Gandhinagar	.. do.
17	Additioning of 2 rooms and verandah and S/R to Government High School Bishnah	.. A/A
18	Const. of 2 rooms in High School Gura Salathian	.. Original Work.
19	Const. of Police Station Ramgarh	.. do.
20	Const. of 2 room Qrs. at Ramgarh	.. do.
21	Const. of Police Station at Bishnah	.. do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs.				
51,900	Completed.	..	..	..
21,700	do.	..	..	..
14,665	do.	..	..	..
30,828	do.	..	..	..
21,000	do.	..	..	..
6,200	do.	..	..	..
936	do.	..	..	..
1,573	do.	..	..	..
..	do.	..	..	..
22,840	do.	..	..	..
14,112	do.	..	..	..
2,857	do.	..	..	..
..	..	..	..	..
5,26,000	do.	..	..	..
3,25,000	do.	..	..	..
35,400	..	Completed.	..	..
15,000	..	do.	..	..
10,000	..	do.	..	..
1,80,000	..	do.	..	..
10,000	..	do.	..	..
97,000	..	do.	..	..



## STATEMENT OF NEW

1	Name of Buildings.	Nature of Work.
2		3
22	Const. of Back Verandahs to 3 Nos. A Type Qrs. Gandhinagar ..	Original Work.
23	Servants Qrs. at Gandhinagar 36 Nos. ..	do.
24	Raising Compound Walls A & B Qrs. at Gandhinagar ..	do.
25	Draining A & C Sections ..	do.
26	Providing Flush W. C. in 7 Nos. C Type Qrs. at Gandhinagar ..	do.
27	Const. of Lane Belicharna including Poultry Works ..	do.
28	Const. of Board-cum-Hostel at Samba ..	do.
29	Const. of Galending Shed including 2 rooms at Samba ..	do.
30	Const. of 121 shops, 10 Tea Stalls and 41 Nos. Offices, 2 Nos. Godowns, Levelling and Shingling Yards Canteen and Dormitory, Compound Wall, Community Bathroom and Lavaratory, Const. of 4 Nos. Gate Lodge at Private Transport Yard ..	do.
31	Const. of 10 Nos. Shops at Gandhinagar and Park ..	do.
32	Police Quarters at Ramgarh ..	do.
33	Police Quarters at Bishnah ..	do.
34	10 Nos. B Type Factories at Industrial Estate Gandhinagar ..	do.
35	6 Nos. C Type Factories at Industrial Estate Gandhinagar ..	do.
36	Compound Wall Factories at Industrial Estate Gandhinagar ..	do.
37	Const. of 63 Godowns 41 Nos. Shops and Octroi Post at Grain Market ..	..
38	Const. of Shops Opposite to New Octroi Post ..	Original Work.
39	Seed Storage Godown at Bajpur ..	do.
40	Seed Storage Godown at Maralia ..	do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 8,000	..	Completed.	..	..
38,000	..	do.	..	..
..	..	do.	..	..
..	..	do.	..	..
..	..	..	..	..
15,000	..	Completed.	..	..
..	..	..	Completed.	..
..	..	..	do.	..
9,55,000	..	..	do.	..
19,140	..	do.	..	..
18,000	..	do.	..	..
17,000	..	do.	..	..
3,38,831	..	..	Completed.	..
98,700	..	..	do.	..
32,602	..	..	do.	..
8,95,000	..	..	do.	..
4,00,000	..	..	do.	..
14,200	..	..	do.	..
14,100	..	..	do.	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
41	Const. of High School at Ramgarh	.. Original Work.
42	Const. of High School at Arnia	.. do.
43	Const. of 8 Nos. Shops Across Tawi Bridge	.. do.
44	Const. of G. G. M. Arts College (one Block)	.. do.
45	Const. of Garrages for Van at Company Bagh	.. do.
46	Const. of Central Store Buildings	.. do.
47	Const. of 2 Nos. Serai at Purmandal	.. do.
48	Rest House at Samba	.. do.
49	Police Line Gandhinagar Barrack No. 1	.. do.
50	Govt Polytechnic Building at Jammu (Partly)	.. do.
51	Rural Industrial Estate at R. S. Pura	.. do.
52	Const. of Administration Block at Industrial Estate	.. do.
53	Const. of 2 Nos. C Type Face prices at Industrial Estate.	.. do.
54	Const. of 16 No. New B Type Factories at Industrial Estate	.. do.
55	Const. of 4 Nos. Sweepers Sheds at Gandhinagar	.. do.
2.	CONSTRUCTION DIVISION NO. 2, JAMMU.	
56	Work at Press Building Jammu	.. do.
57	Const. of 3 Additional Rooms for Boys High School Akhnoor	.. do.
58	Const. of 5 Additional Rooms for Boys High School Akhnoor	.. do.
59	Providing Flush Urinals in S.M.M.S. High School Jammu.	.. do.
60	Const. of Board-cum-Hostel-cum-Rest House Jammu	.. do.
61	Const. of Servants Qrs. in C.D. Hospital at Jammu	.. do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
60,000	..	..	Completed.	..
60,000	..	..	do.	..
56,000	..	..	..	Completed.
4.38 Lakhs.	..	..	..	do.
3,300	..	..	..	do.
11.67 Lakhs.	..	..	..	do.
55,000	..	..	..	do.
92,488	..	..	..	do.
3.64 Lakhs.	..	..	..	do.
2.30 Lakhs.	..	..	..	do.
8,800	..	..	..	do.
1.85 Lakhs.	..	..	..	do.
54,000	..	..	..	do.
4.80 Lakhs.	..	..	..	do.
12,000	..	..	..	do.
3,550	..	Completed.	..	..
13,000	..	do.	..	..
41,600	..	do.	..	..
10,000	..	do.	..	..
86,000	..	do.	..	..
54,800	..	do.	..	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
62	Const. of Board- <i>cum</i> -Hostel- <i>cum</i> -Rest House at Aknhoor.	Original Work.
63	S/R to Jail Building and court building on the left bank of Ranbir Canal ..	do.
64	Const. of 2 Rooms & verandah in T.T. College Jammu ..	do.
65	Const. of Laboratory Block for Biology in G.G.M. College Jammu ..	do.
66	Const. of Garages and Compound Wall in Women College Jammu ..	do.
67	Addition of 2 Rooms in H.S. School Jammu ..	do.
68	Const. of Boarding House for Schedule Castes with Kacha Block attached to it ..	do.
69	Const. of First Floor at Drug Reasearch Laboratories Jammu ..	do.
70	Const. of Gallery in Physics room at G.G.M. College Jammu ..	do.
71	3 Nos. with compound walling etc. ..	do.
72	Additional Block at D.R.L. at Jammu ..	do.
73	Const. of Verandah in Front of D.H.S.'s Office and Controller of Tawaza Office ..	do.
74	Const. of Geology Block at Jammu ..	do.
75	Const. of Verandah in Dispensary at Domana ..	do.
76	Const. of seed storage Godown at Bakore ..	do.
77	Const. of Bullock shed at Bakore ..	do.
78	Work of Industrial Training Institute Jammu ..	do.
79	Const. of Ladies Club near Zanana Park Jammu ..	do.
80	Const. of Octroi Post at Ramnagar ..	do.
81	Const. of Seed Godown in Seed Multiplication Farm at Jammu ..	do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 43,000	..	Completed.	..	..
1,60,000	..	..	..	Completed.
17,200	..	..	..	do.
27,700	..	..	..	do.
16,000	..	..	..	do.
13,000	..	..	..	do.
73,800	..	..	..	do.
31,400	..	..	..	do.
4,000	..	..	..	do.
1,60,000	..	..	..	do.
1,34,000	..	..	..	do.
30,000	..	..	..	do.
2,25,000	..	..	..	do.
25,000	..	..	..	do.
10,000	..	..	..	do.
10,000	..	..	..	do.
58,000	..	..	..	do.
59,600	..	..	..	do.
51,000	..	..	..	do.
10,000	..	..	..	do.



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
82	Const. of Plant Prokelian Store at Company Bagh Jammu	Original Work.
83	Bullock Shed and Seed Storage Godown at Bakore	do.
84	Const. of two Baths and Verandah at Canal House Jammu	do.
85	A/A to Grey Durbar Hall at Jammu	A/A
86	2 Nos. Ministers Bungalow at Jammu	Original Work.
87	2 Nos. Bungalows for Heads of Deptts. at Jammu	do.
88	A/A to Radhakishan House at Jammu	A/A
89	Const. of 12 Houses for State Ministers and High Govt. Officers	Original Work.
91	New Sectt. Block at Jammu	do.
92	Const. of Serai at Bawa Jitoo	do.
93	Const. of Serai at Jammu	do.
94	Const. of Cold Storage in Seri Premises Jammu	do.
95	I.G.P. & D.I.G.'s Office Building at Jammu	do.
3.	UDHAMPUR DIVISION.	
1	Construction of Additional Room with Bath in Old A. E.'s Qr. at Udhampur	Original Work.
2	Const. of 2 rooms Asstt. Surgeon Qrs. at Udhampur	do.
3	Const. of 2 Nos. Compounders Qrs. at Udhampur	do.
4	Const. of Additional Ward in the existing Hospital at Udhampur	do.
5	Const. of Technicians Qr. at Udhampur	do.
6	Const. of Malies Hut at Satya Ramnagar	do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs.				
..	..	..	..	..
10,000	..	..	..	Completed.
43,000	..	..	..	do.
13,500	..	..	..	do.
1,23,700	..	..	..	do.
1,56,000	..	..	..	do.
30,000	..	..	..	do.
7,42,200	..	..	..	do.
29,46,000	..	..	..	do.
1,02,520	..	..	..	(Partly) do.
2,00,000	..	..	..	do.
24,000	..	..	..	do.
3,56,000	..	..	..	do.
4,600	Completed.	..	..	..
31,000	do.	..	..	..
19,300	do.	..	..	..
43,100	..	Completed.	..	..
63,100	..	..	..	Completed.
4,000	Completed.	..	..	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
7	Additional Accommodation Boys High School Reasi ..	Original Work.
8	Additional Accommodation in Boys High School at Udhampur ..	do.
9	Additional Accommodation in Girls High School at Udhampur ..	do.
10	Restoration of Fire Damages to High School Building at Ramnagar ..	do.
11	Addition of 2 Rooms to High School Building Reasi ..	do.
12	Const. of Police Thana at Katra ..	do.
13	Const. of Supdt. Police & A.S.P. Qrs. at Udhampur ..	do.
14	Const. of Serai at Katra ..	do.
15	Const. of Flush Type Latrines & Sheds at Vaishno Devi.	do.
16	Sheep Breeding Farm at Reasi ..	do.
17	Improvement to Water Supply Reasi ..	do.
18	Const. of Sericulture Deptt. Works at Sid Salam ..	do.
19	Const. of Store building, SKP Qrs. & Garage at Udhampur ..	do.
20	Signallers, Linemen and Chowkidar Qrs. at River Chenab Reasi ..	do.
21	Const. of Out-Patient block in Hospital at Udhampur ..	do.
22	Nursery Hut at Gool ..	do.
23	Const. of Seed Storage Godown in Multiplication Farm Kirman Ramnagar ..	do.
24	Walling 2 Rooms including Compound Wall around Girls High School Reasi ..	do.
25	S/R to Roof of Boys High School Reasi ..	do.
26	4 Nos. Hutments at Sanasar ..	do.
27	Const. of Shops-cum-Fruit Centre Udhampur ..	do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 28,000	Completed.	..	..	..
87,300	..	Completed.	..	..
47,700	Completed.	..	..	..
40,000	..	..	Completed.	..
9,800	..	..	do.	..
1,21,300	..	Completed.	..	..
21,600	..	..	Completed.	..
2,08,500	..	Completed.	..	..
18,000	..	..	Completed.	..
44,100	..	Completed.	..	..
1,11,750	..	..	Completed.	..
17,600	..	..	do.	..
42,400	..	..	..	Completed.
5,725	..	..	..	do.
51,880	..	..	..	do.
5,000	..	..	..	do.
9,860	..	..	..	do.
16,230	..	..	..	do.
14,100	..	..	..	do.
84,300	..	..	..	do.
1,16,600	..	..	..	do.



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
28	Fencing Sub-Judge's Court at Udhampur	.. Original Work.
4.	KATHUA SPECIAL SUB-DIVISION.	
29	Extension of Kathua Hospital	.. Ex.
30	Improvement to existing Hospital with Electrification Kathua	.. Improve- ment.
31	Const. of High School at Kathua	.. O.W.
32	Const. of 2 rooms in High School at Basohli	.. do.
33	Const. of Girls High School at Basohli	.. do.
34	Plastering Zail Garh Building Kathua	.. Plastering.
35	Const. of Police Line with Qrs. at Kathua	.. Original Work.
36	Const. of Thatched Shed with Compound Wall	.. do.
37	Const. of Niabat Building at Billawar	.. do.
38	Const. of Compound Wall around Sub-Judge's Court at Kathua	.. do.
39	Const. of High School at Kathua	.. do.
40	Const. of Jurseriy Hut at Nagri	.. do.
5.	KHELLANI SPECIAL SUB-DIVISION.	
41	Addition of 2 Rooms to Govt. College Bhaderwah	.. Addition.
42	Addition of 2 Rooms to Boys High School Doda	.. O. W.
43	Court Building at Bhaderwah	.. do.
44	Higher Secondary School Kishtwar	.. do.
45	Renovation Police Station at Bhaderwah	.. do.
46	Malies Hut at Khellani	.. do.
47	A/A to Out Houses attached to S.D.O's Qrs. at Khellani.	do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 3,180	..	..	..	Completed.
73,510	..	..	Completed.	..
21,774	..	..	do.	..
72,750	..	..	..	Completed.
8,000	..	..	..	..
56,200	..	..	..	Completed.
2,000	..	..	Completed.	..
6,49,700	..	..	..	Completed.
8,086	..	..	Completed.	..
66,500	..	..	do.	..
10,350	..	..	do.	..
31,000	..	..	..	Completed.
4,235	..	..	..	do.
20,000	Completed.	..	..	..
1,198	do.	..	..	..
56,000	..	..	Completed.	..
60,000	..	..	do.	..
15,300	..	..	do.	..
2,800	..	..	do.	..
1,780	..	..	do.	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
48	A/A to Sub-Divisional Office at Khellani	.. Original Works.
49	Store building at Khellani	.. do.
50	2 sets of P.W.D. Staff at Khellani	.. do.
51	Const. of One Room adjoining the S. D. O's Qrs. at Khellani	.. do.
52	Const. of Poultry Farm at Bhaderwah	.. do.
53	Const. of Fruit Plant Nursery at Khellani	.. do.
54	Addition of 3 Rooms to Boys High School at Doda	.. do.
55	Addition of 3 Rooms to Boys High School at Kishtwar..	do.
6.	NATIONAL HIGHWAY DIVISION BATOTE.	
56	Boys High School Ramban	.. do.
57	Conversion of <del>Servant</del> Qrs. into Girls School at Ramban	do.
58	Addition to the Hospital Building at Batote	.. do.
59	Const. of Boys High School at Batote	.. do.
60	Const. of Seed storage Godown at Batote	.. do.
61	Const. of Police Post at Banihal	.. do.
62	Const. of 4 Nos. Tourist Huts at Batote	.. do.
63	Const. of Servants Qrs. Attached to A.E.'s Qr. at Banihal.	do.
7.	POONCH DIVISION.	
1	Medical Works Rajouri	.. do.
2	Addition of 2 rooms to Boys High School at	.. do.



## BUILDINGS COMPLETED.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 1,530	..	..	Completed.	..
6 200	..	..	do.	..
9,560	..	..	do.	..
1,496	..	..	do.	..
20,450	..	..	..	Completed.
10,000	..	..	..	do.
24,300	..	..	..	do.
30,000	..	..	..	do.
43,570	..	Completed.	..	..
9,261	..	do.	..	..
12,584	..	do.	..	..
29,472	..	..	Completed.	..
10,000	..	..	do.	..
10,387	..	..	do.	..
64,621	..	..	..	Completed.
2,968	..	..	..	do.
2,01,318	..	..	..	do.
16,350	..	Completed.	..	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
I. JAMMU CONSTRUCTION DIVISION No. 1.		
1	Const. of 32 No. Qrs. at Raipore excluding laying out of Sanitary Fittings	.. A & A
2	Const. of Central Store Buildings at Jammu	.. do.
3	Const. of Sole Plant and Calender Shed at Samba	.. do.
4	Const. of Board-cum-Hospital at Samba	.. do.
5	Const. of "A" type servant Qrs. at Gandhinagar	.. do.
6	Closing back Verandah to 36 No. "A" Type at Gandhinagar	.. do.
7	Const. of Compound Wall in A & B Type Qrs. No. at Gandhinagar	.. do.
8	Const. of Drain Sector C & A Gandhinagar	.. do.
9	Providing flush in 7 No. "C" type Qrs.	.. do.
10	Const. of works of Belli Charna including Poultry	.. do.
II. PRIVATE TRANSPORT YARD WORKS.		
	(a) 25 No. Offices for Transporters	}
	(b) 20 Nos. Double Shops	
	(c) 18 Nos. offices for Transporters	
	(d) 1 No. Shop for Transporters	
	(e) 8 Nos. Tea Stalls	
	(f) Canteen and Dormitory	
	(g) Construction of 4 No. Godowns	
	(h) Levelling and Shingling	
	(i) Community Bathrooms and Liabilities	
	(j) 4 No. Gate Lodge	
	(k) Compound Walling	



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs.				
3 Lakhs.	Started.			
11.67 Lakhs.	do.			
21,900	do.			
45,000	do.			
39,600	do.			
8,000	do.			
8,000	do.			
..	do.			
..	do.			
7,000	do.			
9.55 Lakhs.	Started.			



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
12	Const. of High School Arnia	.. ..
13	Const. of High School Ramgarh	.. ..
14	Const. of 6 No. B Type Factories in Industrial Estate Gandhinagar, Jammu	.. ..
15	Const. of 10 No. Shops (10x15)	.. ..
16	Sanitary Fittings to 40 No. Quarters	.. ..
17	Const. of Circular part	.. ..
18	Police Barracks 300 Men Police ward With Office 8 Gauges 2 Sets and Drivers Qrs.	.. Original Work.
19	Const. of 10 No. D Type Factories at Industrial Estate Gandhinagar	.. do.
20	Const. of 10 No. C Type Factories at Industrial Estate Gandhinagar	.. do.
21	Administration Block at Industrial Estate	.. Original.
22	Serai at Utterbani	.. do.
23	A & A to Serai at Purmandal	.. A/A
24	Rest House building at Samba	.. ..
25	Seed Storage godown at Bajpore	.. ..
26	Seed Storage godown at Muralia	.. ..
27	Agriculture College at R. S. Pura	.. ..
28	Const. of 65 No. Godown, 14 No. Shops and Octroi Post at Grain Market	.. ..
29	Construction of 40 No. Shops opposite New Octroi Post Jammu	.. ..
30	Const. of 5 No. Shops (15'x20')	.. ..
31	Const. of Polytechnic Jammu	.. ..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 10,000	Started.	..	..	..
10,000	do.	..	..	..
15,000	do.	..	..	..
10,140	do.	..	..	..
19,140	do.	..	..	..
..	do.	..	..	..
—1480 Lakhs 6,17,300	do.	Started.	..	..
5,12,000	do.	..	..	..
54,400	..	..	Started.	..
1,75,000	..	..	do.	..
75,000	..	..	do.	..
55,000	..	..	do.	..
92,488	..	..	do.	..
14,200	..	..	do.	..
14,100	..	..	..	..
2,25,100	..	..	Started.	..
8.95 Lakhs.	..	..	do.	..
4.00 Lakhs.	..	..	do.	..
56,000	..	..	do.	..
8,47,000	..	..	do.	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
32	Const. of Arts College at Gandhinagar	.. ..
33	Const. of Mazine Shed at Bahu Rakh	.. ..
34	Const. of Garages for Van at Company Bagh Jammu	.. ..
35	Const. of Girls High School at R.S. Pura	.. ..
36	Const. of Boys School at Raya	.. ..
37	Const. of Overseers Qrs. at Samba	.. ..
38	Const. of Boys High School at Gura Salathian	.. ..
39	Const. of 10 No. "A" Type Qrs. at Gandhinagar	.. ..
40	Partitioning Food Godown and metalling & tarring approach road and position in front of Octroi Post	.. ..
41	Const. of Niabat Building at Bishnah	.. ..
42	Double Storey building opposite new Transport Adda across Tawi bridge	.. ..
43	Rural Industrial Estate at R.S. Pura	.. ..
44	Const. of 4 No. "C" Type Factory	.. Original Work.
45	Const. of New "B" Type Factory (16 No.)	.. ..
46	Const. of 4 No. "A" Type Factories	.. ..
47	Const. of 10 No. Shops at Gandhinagar	.. ..
48	Const. of "C" Type Factories	.. ..
49	Const. of 4 sheds for sweepers	.. Katcha.
II. JAMMU CONSTRUCTION DIVISION No. 2.		
1	Seed Storage at Bakore	.. ..
2	Bullock shed at Bakore	.. ..
3	Sole Plant and Tannery works at Jammu	.. ..
4	Const. of Geological Block at Jammu	.. ..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs.				
13,49,000	..	..	..	..
10,000	..	..	Started.	Started.
3,800	..	..	do.	do.
68,000	..	..	..	..
20,000	..	..	Started.	Started.
18,000	..	..	do.	do.
17,000	..	..	do.	do.
4.68 lakhs.	..	..	do.	do.
52,100	..	..	do.	do.
18,000	..	..	do.	do.
..	..	..	..	..
8,000	..	..	..	Started.
1.08 lakhs.	..	..	..	Started.
4.80 lakhs.	..	..	..	do.
2.00 lakhs.	..	..	..	do.
0.33 lakhs.	..	..	..	do.
0.40 lakhs.	..	..	..	do.
0.12 lakhs.	..	..	..	do.
10,000	..	Started.	..	..
9,160	..	do.	..	..
73,500	..	do.	..	..
2,10,000	..	do.	..	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
5	A/A Industrial Training Institute Jammu ..	..
6	Const. of 4 No. Rooms in New Additional Block Dak Bungalow Jammu ..	..
7	A/A in Old Block at Dak Bungalow Jammu ..	..
8	Const. of Lamp Post do. ..	..
9	Plastering in Blocks C & D Dak Bungalow Jammu ..	..
10	Laboratory Block for 40 Loby G.G.M. College Jammu ..	Original.
11	Boarding House for Schedules Caste Jammu ..	..
12	Addition and alteration in D. R. L. Jammu ..	..
13	Addition and alteration in D.R.L. Jammu 1st Floor ..	..
14	Gallery in Physics Room in G.G.M. College Jammu ..	..
15	Residential Bungalow for Ministers of State with Compound wall and Servant Quarters ..	..
16	Metalling and Carpetting at Darbargarh Jammu ..	..
17	Verandah in part of D. M. S. office and Controller Transport office ..	..
18	Reroofing in the Office of the Cr. PWD (R & B) Jammu at inner palaces ..	..
19	Const. of Railing at Darbargarh ..	..
20	Special repairs to Court Building and Jail building on the left bank of Ranbir Canal ..	..
21	Const. of 8 Rooms and Verandah in Teachers Training School (College), Jammu ..	..
22	Addition of 2 Rooms in Hari Singh High School Jammu ..	..
23	Const. of Compound all Wbehind Government Women College Jammu ..	..
23-A	Works in Women College Jammu ..	..
24	A/A in Industrial Training School (Institute) Jammu ..	..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
58,000	..	Started.	..	..
15,000	..	do.	..	..
90,000	..	do.	..	..
20,600	..	do.	..	..
23,600	..	do.	..	..
27,800	..	do.	..	..
73,800	..	do.	..	..
9,000	..	do.	..	..
31,400	..	do.	..	..
4,000	..	do.	..	..
1,60,000	..	do.	..	..
25,000	..	do.	..	..
30,000	..	do.	..	..
..	..	..	..	..
..	..	..	..	..
1.62 lacs.	..	..	..	..
11,200	..	Started.	..	..
13,000	..	do.	..	..
16,000	..	do.	..	..
1,84,000	..	..	Started.	..
58,000	..	Started.	..	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
25	Const. of Lady Club at Jammu	.. ..
26	A/A to Agaibgarh Building Jammu	.. ..
27	Const. of Police Station at Chhamb	.. Original
28	Const. of Police Station at Khaur	.. ..
29	Const. of Vet. Hospital at Jammu	.. ..
30	Const. of Serai Building at Bava Jittoo's Samadhi	.. ..
31	Const. of Sub-Unit Dispensary at Domana	.. ..
32	Const. of Sub-Unit Dispensary at Ramgarh	.. ..
33	Const. of Stadium at Jammu	.. ..
34	Addl. Work at Sole Plant at Muthi	.. ..
35	Const. of Plant Protection Store in Plant Nursery Co. Bagh Jammu	.. ..
36	Const. of Seed Godown in Seed Multiplication Farm Jammu (Pouni Chak)	.. ..
37	Construction of Surgical Plant at Chhamb	.. ..
38	Const. of High School Jaurian	.. ..
39	Lower High School Building at Balwal	.. ..
40	Govt. Boys High School Jammu	.. ..
41	Govt. High School at Sawanjana Tehsil Jammu	.. ..
42	2 Room Block at High School Domana	.. ..
43	SMGS Hospital Works Jammu	.. ..
44	Chest Disease Hospital Jammu (75 Beds block)	.. ..
45	Isolation Hospital Building 1	.. ..
46	PWD officers Houses and Clerks qrs. at Jammu	.. ..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
30,000	..	Started.	..	..
59,600	..	do.	..	..
70,000	..	..	Started.	..
67,000	..	..	..	..
70,000	..	..	..	..
67,000	..	..	..	..
1,54,000	..	..	..	..
1,02,000	..	..	..	..
25,000	..	..	..	..
24,700	..	..	..	..
20. 18 lakhs.	..	..	..	..
18,800	..	..	..	..
20,000	..	..	..	..
10,000	..	..	..	..
33,400	..	..	..	..
35,300	..	..	..	..
77,000	..	..	..	..
6,000	..	..	..	..
30,000	..	..	..	..
15,000	..	..	..	..
2,41,000	..	..	Started.	..
5,13,100	..	..	do.	..
4,65,000	..	..	do.	..
3,12,000	..	..	do.	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
47	Drainge scheme in Krishan Nagar Area	..
48	Retaining wall and strengthening existing burnt Golghar building Jammu	..
49	Const. of 2 Baths and Verandah at Canal House Jammu.	..
50	Chowkidar Block (12 Nos.) at Jammu	..
51	Addition and alteration to Grey Darbar Hall Jammu	..
52	2 No. Ministers Bungalow at Residency Jammu	..
53	2 No. Bungalows for Heads of Departments near Mandir and 1 No. at Gulami Bagh	..
54	A/A to Radha Krishan Kaul's House	..
55	Const. of 12 houses for State Ministers and High Officers (3 constructed for the time being)	..
56	4 No. State Qrs. Hut 1	..
57	Const. of New Sectt. Block	..
58	Renovation of Bhamnagar House New Delhi	..
59	Const. of permanent stalls for Exhibition at Jammu	..
60	Central Police office and Provincial Police office at Jammu	..
61	Family quarters for Police Station at Chamb	..
62	Const. of 3 No. Guard Quarters Insp. and Sub Insp.'s Qrs. at Ramnagar	..
63	Const. of Octroi Post at Ramnagar	..
64	Const. of Court Building at Akhnoor with annexe	..
65	A & A to New Mandi Office for conversion into High Court office	..
66	Const. of Serai at Jammu for Vaishno Devi Yatries	..
67	Const. of works in D. B. Jammu for conversion into Reception Centre	..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 3,26,000	..	..	Started.	..
40,000	..	..	..	..
43,000	..	..	..	..
54,000	..	..	..	..
13,500	..	..	..	..
1,23,700	..	..	..	..
1,56,000	..	..	Started.	..
30,000	..	Started.	..	..
7,42,200	..	..	..	Started.
52,000	..	..	..	do.
29,46,000	..	..	Started.	..
1,17,700	..	..	..	Started.
11,00,000	..	..	..	..
3,56,000	..	..	Started.	..
62,323	..	..	..	Started.
51,000	..	..	..	do.
63,700	..	..	..	do.
..	..	..	..	do.
60,000	..	..	..	do.
2,00,000	..	..	Started.	..
8,70,000	..	..	..	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
68	Const. of Cold Storage in Sericulture Premises Jammu ..	
III. SPECIAL SUB-DIVISION KATHUA.		
1	Improvement to existing Hospital at Kathua ..	Imp.
2	Electrification of Kathua Hospital ..	Electrification.
3	Const. of High School Building at Basohli ..	Original.
4	Const. of Boarding House at Billawar ..	do.
5	Imp. to old Rest House at Kathua ..	Imp.
6	Purchase of Evacuee Property at Pathankote ..	Purchase.
7	Const. of Mali's Hut at Ladwal ..	Original.
8	Const. of Niabat Building at Billawar ..	do.
9	Const. of Govt. Girls High School Basohli ..	..
10	Const. of Thatched Shed at Rest House Kathua ..	..
11	Const. of Compound Wall at Rest House at Kathua ..	..
12	Purchase of Bhav Nagar House New Delhi ..	Purchase.
13	A/A to Bhav Nagar House New Delhi ..	Addition.
14	Const. of Compound Wall, Residential Building at Chandigarh ..	Original.
15	Const. of Nursery Hut at Nagri ..	..
16	Const. of Shed, Store Godown at Ladwal ..	..
17	Const. of Police Station Billawar ..	..
18	Const. of Serai at Sukrala ..	..
19	Const. of Young Worm Rearing Hut at Kathua ..	..
20	Const. of Walling around Sub-Judge Court at Kathua ..	..
21	Officer's Club at Kathua ..	..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 24,000	..	..	..	Started.
12,974	Started.	..	..	..
6,000	..	Started.	..	..
8,000	..	..	Started.	..
10,000	Started.	..	..	..
24,450	do.	..	..	..
50,360	do.	..	..	..
4,450	do.	..	..	..
37,000	do.	..	..	..
56,200	..	Started.	..	..
4,920	..	do.	..	..
3,080	..	do.	..	..
7,75,000	..	..	Started.	..
1,23,000	..	..	..	..
8,900	..	..	Started.	..
4,235	..	..	do.	..
9,800	..	..	do.	..
68,500	..	..	do.	..
41,100	..	..	do.	..
19,950	..	..	do.	..
10,350	..	..	..	..
24,400	..	..	..	Started.



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
22	Purchase of Flat at Bombay	.. ..
23	Addition and alteration to Kashmir House New Delhi	.. ..
24	Const. of Examination Hall of Higher Secondary School at Kathua	} .. ..
	(b) Const. of wall in the Premises of High School	
	(c) Raising of Compound Wall around old Boys School at Kathua	
	(d) Urinals in Higher Secondary School Kathua	
25	Const. of High School at Budi	.. ..
26	Const. of Girls School at Hiranagar	.. O. W.
27	Teachers Training School at Hiranagar	.. O.W.
28	Const. of School at Rajpura	.. ..
29	Const. of Visitors room attached to SP's Quarters at Kathua	.. ..
30	Const. of Water Reservoir in Police Lines Kathua	.. ..
31	Purchase of buildings for accommodating Police at Hiranagar	.. ..
32	Const. of Rest House at Basohli	.. ..
33	Const. of B Type A.D.M. Quarter at Kathua	.. ..
IV. POONCH DIVISION.		
1	Nursery Hut at Poonch	.. Original.
2	Renovation of Police Station Poonch	.. A/A
3	Const. of Police Station one storey Surankote	.. A/A
4	Const. of Police Station one storey at Mehndhar	.. A/A
5	Inspection Hut at Loren	.. ..
6	Const. of Civil Surgeon Qr. at Rajouri	.. ..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs.				
40,000	..	..	..	Started.
10,000	..	..	..	do.
24,068	..	..	..	do.
12,954	..	..	Started.	do.
40,900	..	..	do.	do.
29,300	..	..	do.	do.
6,940	..	..	do.	do.
6,700	..	..	do.	do.
3,500	..	..	do.	do.
33,550	..	..	do.	do.
55,870	..	..	do.	do.
34,500	..	..	..	do.
28,000	..	..	Started.	..
20,000	..	..	do.	..
57,900	..	..	do.	..
57,720	..	..	do.	..
..	..	..	do.	..
31,000	..	..	do.	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
7	Const. of Asstt. Surgeon Qr. at Rajouri	.. ..
8	Construction of Building	.. ..
9	do.	.. ..
10	do.	.. ..
11	Const. of Building at Rajouri	.. ..
12	Const. of Girls High School at Rajouri	.. ..
13	Veterinary Hospital at Sunderbani	.. ..
14	Const. of Seed Storage Godown Lamberi Town Nowshera.	.. ..
15	Const. of Bullock Shed in Seed Storage Multiplication Farm Lamberi	.. ..
16	Const. of Plant Protection Store in front of Plant Nursery Poonch	.. ..
17	Const. of PWD Colony Qr. Rajouri	.. ..
18	Const. of Girls High School at Nowshera	.. ..
V. DODA DIVISION (KHELANI)		
1	Court Building at Bhaderwah	.. ..
2	Const. of Higher Secondary School Kishtwar	.. ..
3	Add. of 3 rooms at Boys High School Doda	.. ..
4	Renovation of Police Station at Bhaderwah	.. G.I. Sheet- ing.
5	Const. of Girls High School Bhaderwah	.. Stone and Cement work.
6	Const. of Poultry Farm at Bhaderwah	.. ..
7	Const. of Boarding House for Schedule Castes in the premises of S.A. High School at Bhaderwah	.. ..
8	Const. of Mali's Hut at Khelani	.. ..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs.				
13,200	..	..	Started.	..
26,000	..	..	do.	..
13,350	..	..	do.	..
35,800	..	..	do.	..
11,000	..	..	Started.	..
57,000	..	..	do.	..
29,680	..	..	do.	..
10,000	..	..	..	Started.
5,800	..	..	..	do.
10,250	..	..	..	do.
1,64,000	..	..	..	do.
17,080	..	..	..	do.
56,000	Started.	..	..	do.
60,000	..	..	Started.	..
22,000	..	Started.	..	..
15,300	..	..	..	..
1,57,500	Started.	..	..	..
20,450	..	Started.	..	..
64,000	..	..	Started.	..
..	..	..	do.	..



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
9	Addition and alteration to Sub office at Khelani	.. ..
10	Addition and alteration to out houses attached to Sub-Divisional office at Khelani	.. Pucca.
11	Const. of proposed Store at Khelani	.. ..
12	Const. of 2 sets to PWD staff qrs. Khelani	.. ..
13	Const. of one room adjoining in SDO's Quarter at Khelani	.. ..
14	Addition of 3 rooms to Higher Secondary School at Kishtwar	.. H.D. Stone with shingling roofing.
15	Fruit Plant Protection Store at Khelani	} ..
16	Const. of D.C.'s Office at Doda	
17	Const. of D.C.'s Residence at Doda	
18	Const. of Dl. Office Building at Khelani	.. ..
19	Const. of A sets "D" Type Qrs. for PWD staff at Khelani	.. ..
VI. UDHAMPUR DIVISION.		
1	Const. of Additional Room both in Asstt. Engineer's office at Udhampur	.. Original Work.
2	Const. of Technician Staff Qrs at Udhampur	.. ..
3	Const. of out patient Block at Udhampur Hospital	.. ..
4	Addition of 2 rooms in Girls High School Building at Reasi	.. ..
5	Restoration of Fire Damage to High School building Ramnagar	.. ..
6	Const. of Double Storey Garages with Rooms for Drivers Group No. 11 and construction of Police Lines double storey	.. ..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 2,800	..	..	Started.	..
1,780	..	..	do.	..
6,200	..	..	do.	..
9,500	..	..	do.	..
1,496	..	..	do.	..
30,200	..	..	Started.	..
10,000 1,21,000	..	..	do.	..
57,300	..	..	do.	..
32,600	..	..	..	Started.
4,600	Started.	..	..	..
63,000	..	..	Started.	..
58,200	..	..	..	..
9,800	..	..	..	..
40,000	..	Started.	..	..
4,75,000	..	Statrted.	(Only compensation of land paid).	



## STATEMENT OF NEW

S. No.	Name of Buildings.	Nature of Work.
1	2	3
7	Const. of Superintendent A. S. P. quarters at Udhampur	.. ..
8	Const. of Mali's Hut at Goal	.. ..
9	Const. of 2 No. Huts at Sanasar and improvement of Water Supply	.. ..
10	Const. of Shops-cum-Tourist Centre at Udhampur	.. ..
11	Const. of Petition Writers and Litigation Shed at Udhampur	.. ..
12	Const. of Sericulture Building at Sial Solon	.. ..
13	Sheep Breeding Farm at Reasi	.. ..
14	Improvement to Water Supply Reasi	.. ..
15	Const. of Sweepers or Segregation Ward and addition and alteration to Civil Surgeon Qrs. at Udhampur	.. ..
16	Add. of 2 rooms including compound with Girls High School Reasi	.. ..
17	Spl. repairs to roof of Government Boys High School Reasi	.. ..
18	Spl. repairs to Government Girls Primary School Udhampur	.. ..
19	Const. of Seed Storage in Multiplication Farm Ramnagar	.. ..
20	Const. of Serai Building at Ramnagar	.. ..
21	Const. of Dak Bungalow at Reasi	.. ..
22	Const. of Serai Building at Reasi	.. ..
23	Fencing Sub-Judge Court building Udhampur	.. ..
24	Const. of Store Building, Store Keepers Quarters and Garages at Udhampur	.. ..
25	Const. of 6 No. D Type for PWD Staff Quarters	.. ..
26	Signaller and Lineman's Qrs. for PWD Staff Udhampur.	.. ..



## CONSTRUCTION OF BUILDINGS.

Estimated Cost.	1957-58	1958-59	1959-60	1960-61
4	5	6	7	8
Rs. 21,300	..	..	Started.	..
5,000	..	..	do.	..
93,000	..	..	do.	..
1,116 Lakhs	..	..	do.	..
9,687	..	Started.	..	..
..	..	..	..	..
94,900	..	..	Started.	..
44,100	Started.	..	..	..
1,11,750	..	..	..	..
8,950	..	..	..	Started.
16,230	..	..	..	do.
14,100	..	..	..	do.
4,630	..	..	Started.	..
9,800	..	..	do.	..
85,750	..	..	..	Started.
85,700	..	..	..	do.
76,200	..	..	..	do.
3,180	..	..	..	do.
43,400	..	..	..	do.
68,250	..	..	..	do.
5,725	..	..	..	do.



## FLOOD CONTROL DEPARTMENT

### Charge

Shri P. N. Kumra continued to hold the charge of the Department as Chief Engineer Flood Control for the year under review.

### Allotment of Funds and Expenditure

The original grant sanctioned for this Department was Rs. 85.00 lakhs. After considering the demands of other two Irrigation Departments, the grant was reduced by Rs. 10.00 lakhs making it as Rs. 75.00 lakhs including Establishment for which an amount of Rs. 4.09 lakhs was earmarked within the grant. The revised estimates were adopted as Rs. 67.46 lakhs for works connected with the widening and deepening of Outfall Channel and Rs. 4.31 lakhs for Establishment of the Department.

For survey works other than Outfall Channel both for Jammu and Kashmir Provinces and Observations of Gauge and Discharge and establishment of Research Laboratories at various places, an amount of Rs. 3.12 lakhs was separately allotted as a supplementary grant.

At the fag end of the year an amount of Rs. 4.00 lakhs was offered for surrenders under Major Head—68.

The net position of funds was as under as per revised estimates :—

#### MAJOR HEAD—68

	Rs.
Works ..	67,46,000
Establishment ..	4,31,000
	<hr/> 71,77,000 <hr/>

#### MAJOR HEAD—18

Works ..	3,12,000
Establishment ..	Nil.
	<hr/> 3,12,000 <hr/>
Grand Total	<hr/> 74,89,000 <hr/>

The total expenditure was as under :—

#### MAJOR HEAD—18

Works ..	3,17,494
Establishment ..	Nil.
	<hr/> 3,17,494 <hr/>



A review of the works done by this Department during the year under report is as under:—

**(a) Jammu Province**

**Surveys and Investigations**

The flood control problem of Jammu is quite different from Kashmir because of its topography and the conditions of the rivers, streams and Nullahs.

The Investigations Division of this Department took up the work of investigation and survey of various rivers basins and nullahs. Project estimates of eleven main flood protection works aggregating to nearly Rs. 75.00 lakhs have been framed and are under scrutiny.

Surveys and investigations of the following rivers and nullahs were almost completed.

**(i) JAMMU SUB-DIVISION**

- (1) River Tawi.
- (2) River Chenab left bank.
- (3) Aik Nallah.
- (4) Bahlole Nallah.
- (5) Krishan Nagar Pond.
- (6) Details of Survey of Tawi for carrying out model tests at Research Station, Poona.

**(ii) AKHNOOR SUB-DIVISION**

- (7) River Chenab-right bank including Pargoal Island.
- (8) Thindiwali Khad.
- (9) Lohaki Khad.
- (10) Sumanwali Khad.

**(iii) SAMBA SUB-DIVISION**

- (11) Devak River-left and right banks.
- (12) Basantar river.
- (13) Tarnah Nallah.
- (14) Billawar and Bril Island.

An expenditure of Rs. 30,918 was incurred on survey and investigations works conducted by the Division during the year under review.



## Gauge Discharge Sites

In order to meet immediate requirements of the Department especially in respect of setting up of Gauge and Discharge Sites a proposal for Rs. 37,400 was approved by the Chief Engineer Floods and Gauges were fixed at the following nine sites at the places noted against each.

- |                    |   |
|--------------------|---|
| 1. Tarnah Nullah   | .. U/S Tarnah Bridge on J. P. Road.   |
| 2. Bein Nullah     | .. U/S Causeway on J. P. Road.  |
| 3. Basantar Nullah | .. D/S Basantar Bridge J. P. Road.  |
| 4. Devak River     | .. U/S Devak Bridge J. P. Road.   |
| 5. Aik Nullah      | .. Ranbir Canal Superpassage.   |
| 6. Bahlole Nullah  | .. Ranbir Canal (Syphon) Crossing.  |
| 7. Tawi River      | .. (a) Near Belicharna on the left branch.<br>(b) Raipur village on the right bank. |
| 8. Thindiwali Khad | .. U/S of Akhnoor Chenab Crossway.  |
| 9. Lohaki Khad     | .. do.  |

An expenditure of Rs. 7,784 was incurred during the year under report on this work.

## Construction of Flood Protection Works

The Flood Investigation Division, Jammu constructed a cross bund for closure of creaks near Niki Tawi. The estimated cost of the work was Rs. 11,800.

## (b) Kashmir Province

### Surveys and Investigations

During the year under report surveys and investigations were done mainly in respect of the project of widening and deepening of the Outfall Channel. In the reach down stream of Pohru confluence investigations revealed that 22 Cft. was the most feasible and economical depth for the Outfall Channel. Studies regarding the possibility of diverting the winter supplies below Baramulla for rendering the Channel dry and facilitating the excavation of big boulders were conducted. The first attempt towards this problem was to divert winter supplies through a 25' to 30' diameter tunnel on the left bank of Jehlum taking off near 1,500 ft. below Baramulla bridge and joining the river at about 24,500 below Baramulla.

Considerable work was done in working out the economics etc. of such a tunnel and finally it was abandoned due to its high cost on account of clay bunds and considerable time involved in executing such a tunnel. The second and probably the only alternative was diverting winter supplies



on the right bank through the Side Channel. The problem has been studied in details and the Department has come to the conclusion that the construction of such a Channel is feasible.

In the reach (Baramulla-Sheri) there was a further possibility of steepening the slope by straightening the river near Khadanyar. This has been studied and the bed slope is proposed to be steepened from 1:4000/1:2500 to 1:2310.

In the project estimate excavation was proposed to be done up to 2,13,000 ft. below Baramulla Bridge, however, further studies on the subject revealed that excavation up to 24,500 ft. is necessary as to avoid back-water effect.

In the upstream reaches viz. Ningli to Baramulla gradient of 1:7000 section was considered to be a flat slope and it was apprehended that silt brought by Pohru or other river will get deposited with such a slope. Besides, bed-width of the Channel previously fixed at 550' was involving considerable area of land. Furthermore, to improve the overall hydraulic conditions of the river, it was considered that a cut-off from 38,300 ft. above Baramulla Bridge to 1,79,000 ft. above Baramulla, shortening the length of the Outfall Channel by about two miles could be very useful. With such a cut-off and a deeper section the bed-width of the Channel got reduced from 550 ft. to 370 ft. and the bed slope steepened from 1:7000 to 1:6100.

### Side Channel

Besides the proposal of widening and deepening of the Outfall Channel, the proposals of Ningli Diversion, Pohru Diversion etc were also investigated.

The Side Channel of 8,000 cusecs discharge will take off near about 5,500 ft. below Baramulla Bridge and will join the Outfall Channel near about 245 ft. below Baramulla Bridge. The Channel will have a full supply depth of 9 ft. and will be lined through its length. The off take full supply level of the Side Channel will be the same as the designed HFL at that point. For diverting water into this Channel a barrage will be constructed on the river at the point of off-take.

### Ningli Diversion

In the Master Plan it was suggested that due to bar-formation at the mouth of the Outfall Channel near village Tarzoo, Ningli Nallah which brings considerable quantity of heavy detritus should be diverted to the Hygam Jheel. However, after considering the proposal, the Department finally came to the conclusion that the Ningli may be diverted to Dhar Numbal.

### Pohru Diversion

River Pohru joins the Outfall Channel at about 8 miles above Baramulla, and deposits heavy amount of silt load there. Various suggestions to overcome this problem of silting were examined by the Department.



## Pohru Diversion to Wullar

After studying the problem fully it has been decided that Pohru may not be diverted at all for the time being, but a Master Plan be prepared for the entire catchment for locating storage sites and for stabilising the catchment area and the river. This is being done and it may be possible to leave Pohru at its present confluence and install a dredging plant at Doabgah for constant maintenance of the Outfall Channel in the bar-reach.

## Other Investigation Works

In addition to the above works, Flood Control works contemplated by the Irrigation Department like Doodh Ganga diversion, Kakapora bunds, embankments around Wullar and Sonawari Block, etc. were scrutinized.

## List of Studies Conducted

- (1) Back water curves for all possible discharges from Doabgah to Wullar due to Pohru.
- (2) Back water curves due to construction of barrage.
- (3) Flood routing studies of Doodh Ganga diversion.
- (4) Flood routing studies in Wullar lake due to improvement in Outfall Channel in 1959-60.
- (5) Cost studies of the Outfall Channel below Baramulla with and without tunnel.
- (6) Cost studies for various depths of the Outfall Channel.
- (7) Cost studies of the Outfall Channel with and without the side Channel.
- (8) Cost studies of the Outfall Channel with and without Khadanyar Loop.
- (9) Cost studies of the Outfall Channel with and without partial and full Seer-cut-off.
- (10) Cost studies of the Outfall Channel with and without Sopore Side Channel.
- (11) Cost studies of the Ningli Diversion with and without alternatives.

## Discharge Organisation

The Discharge Sub-Division was transferred from Kashmir Irrigation Department to this Department in the month of July, 1960. This Organisation is concerned with the discharge observations of various tributaries of Jhelum and the river Jhelum at some important sites.



The Sub-Division also collects and consolidates rainfall data. Rain guages have been installed at different places and readings have been noted and printed.

During the year under review, the Sub-Division attended to the following works :—

- (1) Eight river guages were installed at the various places in upper catchment and put to commission.
- (2) 14 streams-gauges were installed at various tributaries and at some important places along Supplementary Channel.
- (3) Vertical gauges in river Jhelum numbering 11 were converted to sloping guages to avoid damages to gauges because of floods and navigations. Pitching and dry rubble stone-stairs were also constructed near these vertical guages.
- (4) To verify the co-efficient of regoroisity in river Jhelum, six guages (two at each site) have been installed at important guage-sites like Sangam, Padshahibagh and Asham.
- (5) The frequency of discharge observation on tributaries have been increased from two to four. Daily discharge observation at CH. 55 below Baramulla Bridge have also been started.
- (6) Six guage huts having an accommodation of two rooms each to serve the purpose of stores and as shelter hut during emergency especially at the time of floods, have been constructed at the following places :—
  1. Prang.
  2. Suol.
  3. Watlab.
  4. Khanabal.
  5. Asham.
  6. Banyari.

#### **Establishment of Silt and Sediment Laboratories**

In order to arrive at the actual silt load and to find the nature of the sediment three laboratories were temporarily set up, one for Pohru at Suol, one for Ningli at Tarzoo and one for Khurshi Nallah.

#### **Procurement of Mechanical Equipment**

During the year under report the following machinery was produced and erected at the Outfall Channel :—



1. Caterpillar D-8 Dozer-2 Nos. Costing Rs. 2.051 lakhs.
2. 54-RB-Shovel-cum-Draglines—1 No. Costing Rs. 2.18 lakhs.
3. Dodge Trucks 12 Nos. Costing Rs. 3.98 lakhs.
4. Diesel Driver Centrifugal Pumps. 10 Nos.

Order for the following machinery were placed with different firms.

Particular of Machinery	No. & Cost	Firm with whom orders
1. Euclid Model 94 FD(R-18) Rear Dumper.	8 Nos. 17.05 lakhs.	M/s Blackwood Hodge.
2. 54-RS Shovel-cum-Drag-line.	1 No. 5.18 lakhs.	M/s Greves Cotton.
3. Ellicot 12" Cutter Dredges.	2 Nos. 13.17 lakhs.	M/s Blackwood Hodge.
4. 10 ton capacity Platform Tractor.	1 No. 0.12 lakhs.	M/s Krishen Chada.
5. 4.5 ton capacity Platform Tractor.	1 No. 0.7 lakhs	M/s Banihal Tunnel Corp.

In accordance with the contract for two Ellicot 12" Dredges placed with M/s Ellicot Machine Corp. through Blackwood Hodge (India) Private Ltd., the Corporation had offered that a representative of the Department would be given free training in U.S.A. in working and assembling of Dredges. Shri S.A. Drabu Assistant Engineer (Mech) Pampore was selected for this purpose. Shri Drabu proceeded to U.S.A. in January, 1966 and returned in the month of May, 1961.

## Execution of Works of Outfall Channel

### (I) Shoal Cutting

Shoals big and small exist at numerous places in the river bed and are conspicuous when water level is low. To remove shoals from the river bed especially those in the Outfall Channel an estimate for Rs. 8.0 lakhs was framed by Kashmir Irrigation Department, and was approved by the Government. The work was taken in hand by the Irrigation Department and some shoals removed. After the establishment of this Department, the work was resumed and shoals removing work in 38 different places was done. This involved excavation of about 50.0 lakhs cft. of earth. An expenditure of Rs. 3,32,198 was incurred on this work during the year under report.

### Removal of Sapore Stone Bar

A dry stone bar 350 ft. in length exists about 100 ft. down stream of old Sapore Bridge. This was a great obstacle to the free flow of water.



In order to remove the stone bar a ring hand was put in one third part of the river width by bags filled with sand and earth. For dewatering purposes as many as eight pumps were put into commission. The total quantity of stones removed during the year under report was 10,000 cft. with 7,000 cft. of slush. An expenditure of Rs. 40,389 was incurred by the Department on this work.

### **Excavation of Heavy Boulders between Baramulla to Khadanyar**

There are a large number of big boulders in the reach between Baramulla to Khadanyar which form an obstacle in the free flow of water. Some 25,000 cft. of these boulders were removed from the mere bed and sides after blasting and jumper work.

### **Excavation Work of Khadanyar Gorge**

Huge and heavy boulders are found in a large number near Khadanyar gorge. Attempts were made to remove as many boulders as possible. During winter season when water level was low, about 1 lakh cft. of boulders were removed by blasting and jumper work from the bed.

### **Excavation Work below Khadanyar Gorge**

The excavation work of about 500 ft. length of the Outfall Channel below Khadanyar Gorge was taken in hand when water level in the river was low. In about 1½ months about 105 lakhs cft. were excavated.

### **Flood Protection Work Vodhpura**

At Vodhpura village which is situated on the left bank of river Pohru, the river is constantly eroding its banks which is a danger to the safety of the village and also to the main Sopore-Kupwara Road. In order to overcome the danger a flood protection work at Vodhpura was executed by constructing stone pitching with suitable apron for a length of 1,200 feet during the year under report, at a cost of Rs. 82,386.

### **Stabilization of Nullahs**

There are some small steep hill torrents flowing into the Outfall Channel. These torrents drain the hilly slopes and have small catchments. As soon as it rains, water rushes down these torrents and brings down huge quantities of detritus material like sand, shingle and boulders in the main Outfall Channel. The Channel cannot transport this material and as such it causes formation of shoals and bars. These have become an obstacle in the free flow of water.

It is found necessary to drain these Nullahs to prevent detritions coming into the river.



The Nallahs are to be provided with arrestors of cylindrical crates of T. Wire 4 ft. to 5 ft. in diameter. Guide bunds of dry stone walls are also to be constructed both U/S and D/S of these arrestors for considerable lengths.

Draining of Khadanyar Nallah and Hajibal Nallah was taken into hand during the year under report, involving a cost of Rs. 44,000.

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## HOUSING DEPARTMENT

## Administrative Control

During the first half of the year under report the administrative control of the Housing Department remained under Shri Chuni Lal, Kotwal, Development Minister and in the later half under Shri Shamas-ud-Din.

## General

No new housing colony was laid out during the year under report and activities for implementing the Low Income Group Housing and Middle Income Group Housing Schemes in the colonies already set up remained in progress. The Department advanced loans to Government servants for construction of their houses under the following schemes :—

- (i) Low Income Group Housing Scheme.
- (ii) Middle Income Group Housing Scheme.
- (iii) House Building Advance.

## 1. Low Income Group Housing Scheme

Under this scheme, the Low Paid Government servants were granted loans for construction of thier houses either on the plots allotted to them by the Housing Department in the housing colonies or on thier own plots within the municipal limits of Jammu and Srinagar cities. The total amount of loan thus advanced during the year was as under :—

1. Jammu City	..	Rs. 1,05,500
2. Srinagar City	..	Rs. 9,64,250

During the year the loan continued to be advanced under this scheme according to the following scales in three equal instalments.

Annual Income on account of basic Pay		Amount of Loan	
		Rs.	
1. Up to Rs. 1200	..	3,750	
2. From Rs. 1,201 to Rs. 2,000	..	4,500	
3. From Rs. 2,001 to Rs. 3,000	..	5,250	
4. From Rs. 3,001 to Rs. 4,800	..	6,750	

The number of houses constructed under this scheme was as under :—

Jammu	..	31
Srinagar	..	183
Total	..	214



## 2. Middle Income Group Housing Scheme

Government servants whose annual pay exceeded Rs. 4,800 were benefited under this scheme and they were granted loan for construction of their houses either on the plots allotted to them by the Government or on their own plots. Total amount granted to the loanees during the year under report was Rs. 3,93,500 and 25 houses were completed.

## 3. House Building Advance

The House Building Advance was continued to be granted to both Low and Middle Income Group Employees equal to their one year's and 1/2 year's substantive pay for construction and repairs of their houses respectively both in urban and rural areas of the State. During the year under report a total loan of Rs. 1.90 lakhs was disbursed for construction or repairs of about 210 houses.

The development of Gandhinagar, Jawahar Nagar, Bal Garden, Narsingh Garh and Suthra Shahi housing colonies by way of (i) providing electricity (ii) construction of roads, lanes, drainage system and (iii) water supply remained in progress. An expenditure of Rs. 8.79 lakhs was incurred on this account.



## TAWAZA DEPARTMENT

### Administrative Control

For a major portion of the year under report the Tawaza Department remained under the administrative control of Sardar Ghulam Mohammad Khan and Shri Harnam Chand Katoch, Provincial Deputy Controllers Tawaza. The office of the Controller Tawaza was revived in December, 1960 and the administrative control of the Department remained under Shri R. N. Wariku.

### Tawaza Kashmir

The Department attended to the entertainment of V. I. Ps and other high ranking officers who were ordered to be treated as State Guests by the Government. The Department also made the furnishing arrangements such as pitching of Shamianas, Farsh etc. including entertainment of almost all State functions held in Kashmir and for other Government parties such as "At Home" dinners etc. given in honour of V. I. Ps and other functions. The Department also arranged pitching of Shamianas, tents, Farsh and furniture at such places and institutions as were visited by the Sadar-i-Riyasat and the Prime Minister on their official tours in Kashmir.

During the year under report the charge of Dachigam Rakh was transferred from the Forest Department (Game Branch) to the Tawaza Department Kashmir in December, 1960. The Department got the motor road leading from Harwan to Draphama and also up to Pahlipora repaired during the year. The fallen retaining wall at Lallichhama near Draphama which had blocked the road, was also got reconstructed and the road cleared for traffic.

### Tawaza Jammu

Among the guests, the Tawaza Department Jammu entertained distinguished V. I. Ps and other high ranking officers during the year under report. Besides, the Department entertained 93 paid guests. Arrangements for pitching of Shamianas, tents, Farsh and furniture at various Government functions were also made as usual.



## SOCIAL WELFARE DEPARTMENT

### Administration

The Social Welfare Department continued functioning for the Welfare of Backward Classes, Scheduled Castes, destitute women and beggars during the year under report. The Department remained under the Administrative control of Shri Shamas-ud-Din (up to September, 1960), Shri Assadullah Mir (up to end of December, 1960) and then again under Shri Shamas-ud-Din as Minister-in-Charge and Bhagat Chhajju Ram, Minister of State. Shri Bhagat Mangat Ram held the charge of Secretary to Government Social Welfare Department as well as Head of the Department till September, 1960 when a separate post of Director of Social Welfare was created and S. Teja Singh was appointed as the Director.

The details of various schemes implemented by the Department during the year under report are as follows :—

### Education

For the educational advancement of the scheduled castes and other backward classes stipends and subsidies for purchase of books, clothes etc. to the extent of Rs. 2.32 lakhs were granted to 9,712 poor and deserving students reading in pre-matric and technical classes. Scholarships were sanctioned in favour of 336 post-matric students belonging to scheduled castes and other backward classes as recognised by the Government of India.

Besides maintenance of two boarding houses at R. S. Pura and Jammu, the construction of a boarding house at Kathua was completed and the one at Bhaderwah, taken in hand in 1959-60, remained in progress. Construction of a boarding house at Udhampur was also taken in hand during the year under report.

### Settlement on Land

Out of the sanctioned provisions of Rs. 0.50 lakhs Rs. 0.47 lakhs were disbursed as subsidy to the poor and needy peasants of Scheduled Castes and other backward classes with a view to enable them to purchase bullocks, seeds and fertilizers.

### Cottage Industries Training-cum-Production Centres

Besides maintenance of 4 Cottage Industries Training-cum-Production Centres set up during the previous years two more Cottage Industry Centres were set up, one each at Bhaderwah and Tangdara for imparting training in Carpentry and Wood Work. Stipends at Rs. 10 per month per head were granted to deserving trainees in these centres.

### Housing

Rs. 2,42,000 were spent on grant of subsidy to deserving and poor persons of Scheduled Castes for construction of houses for their residential purposes or for execution of repairs as well construction of a colony of 16 houses at Srinagar. Besides, under the Centrally sponsored scheme



Rs. 6.35 lakhs and Rs. 3.15 lakhs were distributed among 1,847 families of scheduled castes and 754 families belonging to the nomadic section of other backward classes (*e.g.*, Bazigars, Gujjars, Bakarwals etc.) respectively for the construction and completion of houses by them for their residential purposes.

### **Drinking Water Supply**

Rs. 0.18 lakhs were spent on the construction of new wells, ponds, springs etc. and maintenance of and repairs to existing wells in the Illaqa predominantly inhabited by backward classes and where there is scarcity of drinking water.

### **Health and Sanitation**

A dispensary at Sallar (Kashmir Province) was established for the welfare of backward classes. Moreover, medicines were distributed free of cost to these classes through the Community Centre and the dispensary.

### **Community and Social Welfare Centres**

Seventeen Community Centres and 10 Social Welfare Centres set up at various places during the previous years were maintained. Besides one more Community Centre was established at Dudu Basantgarh (Ramnagar). At these centres Balwadi classes are held for the children. Craft classes are also held for training in knitting, embroidery and tailoring for the benefit of women of backward classes.

The two Advisory Boards previously constituted separately for scheduled castes and other backward classes were amalgamated into one Board. Meetings of this Board were held to discuss matters pertaining to the implementation of various schemes for the welfare of these classes.

### **Social Welfare and Moral Hygiene**

Two Beggars Homes and two Homes for Destitute Women (one each at Jammu and Srinagar) established during the previous year continued functioning. These Homes besides providing food and shelter to the old, physically handicapped persons and destitute women, also trained them in various crafts *e.g.*, chick making and 'taat' making in Beggars Home and tailoring, knitting etc. in Destitute Women's Home.

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## IRRIGATION DEPARTMENT JAMMU

## Administrative Control

The charge of the Jammu Irrigation Department during the year under report was held by Shri B. N. Mengi, Chief Engineer.

## Grants and Expenditure

The overall position of budget and final grants and total expenditure incurred against them under different major heads is shown in the table given below :—

Serial No.	Account Head	Budget grant Rs. in lakhs	Final grant Rs. in lakhs	Total expenditure Rs. in lakhs
<b>WORKS</b>				
I	Major Head 68			
	(a) Major and Medium Irrigation Works	56.88	44.64	44.27
	(b) Minor Irrigation Works including Poonch Kuhl	0.60	0.28	0.20
	(c) Flood Control Works	10.00	7.30	6.405
	(d) Tools and Plants	2.99	2.99	2.98
II	Major Head 70	2.82	2.57	2.252
III	Major Head 81	0.40	0.35	0.34
IV	Major Head 18 including surveys	17.30	19.55	18.09
<b>ESTABLISHMENT</b>				
I	Major Head 18 Other Revenue Expenditure financed from ordinary revenues	2.985	2.72 (Due to voluntary surrenders)	2.826
II	Major Head 68 Construction of Irrigation Works—C—Establishment	3.614	2.524 (Due to voluntary surrenders)	2.712



## Plan Works

1. *Kathua Canal*.—The canal was opened to irrigation during the year under report. In addition to the main canal distributaries Nos. 1, 2, 3, 4, 5, 6, 7 and 8 were also completed. This canal has since irrigated about 7,500 acres in Kharif, 1961.

2. *New Pratap Canal*.—All the masonry works (including cross drainage works) in the first 12 miles which were left incomplete or not started in the previous year were completed during the year under report. Distributaries Nos. 1, 2, 3, 4, 5, 6 and 6A (Minor) and direct outlets at RD, 21/0 and 42/0 were also completed. Besides earthwork excavation of mile 1st was mostly completed. Survey and projecting of miles 13th, 14th, 15th and 16th was also completed (water has been let into the canal and irrigation effected on about 2,100 acres in Kharif 1961).

3. *Water Supply Schemes*.—The following water supply schemes featured in the works programme of the year under report :—

(i) *Well at Mawa Karoda (Tehsil Akhnoor)*.—Construction of this well was completed and expenditure amounting to Rs. 4,000 was incurred on this work before the year closed.

(ii) *Tanda Water Supply*.—The work on this scheme could not be started as G. I. Pipes and other materials could not be arranged before the close of the year.

(iii) Construction work on Shiva, Dharmound and Batton Water Supply Schemes was started during the year under review.

(iv) Pipes worth Rs. 40,375 were purchased for extension of Water Supply Scheme, Bhaderwah.

(v) Construction of sedimentation tanks and filter tanks and filter beds for Doda Water Supply was also undertaken and the work remained in progress.

(vi) Installation of 54 hand pumps in R. S. Pura area was also taken in hand and the work was almost completed.

4. *Minor Irrigation Schemes*. The following minor irrigation schemes were undertaken by the Department during the year under report.

(i) *Lower Pei Canal*.—Detailed surveys for this project were conducted and construction of approach road started. Expenditure amounting to Rs. 10,000 was incurred.

(ii) *Lift Irrigation Scheme at Malpur*.—This work was continued from the previous year. Earthwork was finished. The concrete lining and masonry works were almost completed. Compensation of land was also paid.



5. *Flood Protection Works.*—The following flood protection works were completed or remained in progress during the year under report :—

*I. Kathua Irrigation Division*

- (1) Flood protection right bank Bein Nallah (in progress).
- (2) Flood protection works for Hiranagar Township (North) (completed).
- (3) Flood protection works for Badala village against Sahar Khad (completed).
- (4) Flood protection works for Kahnachak & Changran tehsil against Saharkhad (in progress).

*II. Jammu Irrigation Division*

- (1) Construction of spur at Raipur (Rs. 0.76 lakhs).
- (2) Construction of bund Power House to Bhagatpur (Rs. 1.45 lakhs) partly completed up to village Gole.
- (3) Construction of spurs at Marh Dhatrial (Rs. 0.44 lakhs).

The works having been completed before the Monsoon of 1960, good protection to land and villages was afforded saving about 2,000 acres of fertile lands of Hiranagar Tehsil from inundation.

6. *Flood Damages and Restoration.*—No major floods occurred during the year under report. But continuous rains for a few days got the old Partap and Ujh canals overflowed due to which some damages were caused to these two canals and a few protection bunds in the areas, but these were restored.

7. *Rainfall and Irrigation in General.*—Abnormally low rainfall in winter months caused heavy demands for canal water and consequent increase in Rabi irrigation as compared to that of the previous year.

In spite of flood damages to all the canals the supply of water for purposes of irrigation remained satisfactory enabling irrigation as detailed in the following table :—

S. No.	Name of Canal	Kharif irrigation in acres	Rabi irrigation in acres	Total Irrigation (in acres)	
				1960-61	1959-60
1	Ranbir Canal	77,484	41,401	1,18,885	1,06,682
2	Pratap Canal	3,114	1,674	4,788	4,460
3	Ujh Canal	2,094	2,080	4,174	3,586
4	Basantpur Canal	1,324	891	2,215	2,120
5	Udhampur Canal	212	48	260	252
6	Pei Canal	195	27	222	183



The following table shows the canal-wise revenue receipts during the year on account of *abiana* etc. :—

	Rs.	Rs.	Rs.
1 Ranbir Cannal	4,56,791	86,509	2,10,223
2 Pratap Canal	11,544	2,910	10,731
3 Udhampur Canal (mostly power channel)	1,884	157	1,314
4 Ujh Canal	23,606	6,099	22,487
5 Basantpur Cannal	20,480	4,603	21,568

### Mechanical Wing and its Activities

With the rapid progress of the Kathua Feeder and the New Partap Canal the scope and functions of the Mechanical Wing widened considerably during the year under report and huge purchases of new machinery were made.

### Irrigation Laboratory

Important items of work done in the laboratory are specified below :—

- (i) 581 samples were collected from the area to be irrigated by Kathua Feeder, got analysed and sent to the Consultant Ministry of Irrigation and Power, New Delhi for his opinion.
- (ii) 740 soil samples were collected from the area to be fed by the New Partap Canal and sent after analysis to the Consultant, Ministry of Irrigation and Power, New Delhi for opinion.
- (iii) 2,769 samples were collected from the area to be irrigated by the proposed Ravi Canal and more than 50 per cent of these were tested in the Laboratory.
- (iv) 28 soil samples were collected from the area near the site of minor irrigation scheme Ghou Manahasan.
- (v) A good number of embankments of the various Divisions were referred to the Laboratory for checking their compaction. Their densities were checked.
- (vi) 25 soil samples from Akhnur were tested for testing their suitability for burning of bricks.
- (vii) One sample of lime-stone was tested for finding out lime contents.



## ELECTION DEPARTMENT

### Administration

During the period under report the Election Department remained under the administrative control of Rajkumar Shivdev Singh and Shri B. N. Nehru continued as Deputy Chief Electoral Officer.

### Extension of jurisdiction of Election Commissioner India to the State of Jammu and Kashmir

In exercise of the powers conferred by section 92 of the Constitution of the Jammu and Kashmir the Sadar-i-Riyasat was pleased to promulgate an ordinance whereby jurisdiction of the Election Commission India was extended to the State Election Department. As a result of this ordinance, among other things, the designation of the Election Commissioner, Jammu and Kashmir was changed to that of 'Chief Electoral Officer' as in other States of the Union.

### Zaddibal Bye-Election

The Administrator Srinagar Municipality and the Revenue Officer Srinagar Municipality were appointed as Electoral Registrar and Assistant Electoral Registrar respectively to prepare for the conduct of the bye-election from Zaddibal Constituency and to revise the electoral rolls.

Electoral rolls were revised intensively for the constituency and the Judge Srinagar and the Judge Small Causes Court Department were appointed by the Government (with the approval of the Election Commission) as Revising Authorities for receiving the claims and objections.

After disposing of the claims and objections, final publication of the rolls was done in the first week of October, 1960. The Election Commissioner, India appointed Additional District Magistrate, Srinagar as the Returning Officer for the said Constituency.

Four candidates namely :

- |                            |                |
|----------------------------|----------------|
| i) Ghulam Rasool Dar       | .. Independent |
| (ii) Syed Rasul Shah       | .. Independent |
| (iii) Moh'd Abdullah Shair | .. N. C.       |
| (iv) S. Mana Singh         | .. Independent |

filed their nomination papers. S. Mana Singh withdrew, thus leaving three candidates, one from National Conference Party and two Independents to contest the election. For the convenience of the electorate of the said constituency, 24 polling stations were set up. The Presiding and Polling Officers were given practical demonstration by the Chief Electoral Officer by holding dummy elections so that



they could function without any difficulty on the polling day. The Election Commissioner India and the Deputy Electoral Commissioner were present in Srinagar to watch the first conduct of election since integration. Mr. M. A. Shair, the National Conference candidate was declared successful. Mr G. R. Dar an Independent candidate had to forfeit his security under Act 1956.

### **Filling up a seat in the Jammu and Kashmir Legislative Council by Nomination by the Sadar-i-Riyasat**

The Sadar-i-Riyasat nominated Shri Saif-ud-Din Makhdoomi of Srinagar to the State Legislative Council in place of Shri G. R. Renzu, who resigned from the membership of the Council.

As census operations in the State were in progress, the Election Department had to postpone the work of intensive revision of electoral rolls to April. In the month of March, 1961 the State was divided into the following 3 zones for the conduct of this work, keeping in view its climatic conditions.

*Zone No. 1.* —Constituencies of Districts of Jammu, Kathua, Udhampur and Poonch.

*Zone No. 2* —Constituencies of Districts of Doda, Anantnag, Srinagar and Baramulla.

*Zone No. 3* —Karnah, Leh and Kargil Tehsils.

— — — —



**JUDICIAL DEPARTMENT****PART 'A'—CRIMINAL**

The number of courts exercising criminal jurisdiction was 139 during the year under report as against 134 of the preceding year.

**Offences Reported**

The total number of offences reported including the closing balance of the last year was 52,361 and 95,384 persons were dealt with during the year under report as against 48,870 offences reported and 93,700 persons dealt with during the preceding year. Out of these 42,416 cases involving 67,224 persons were disposed of during the year leaving a balance of 9,945 cases involving 28,160 persons.

**Compensation Awarded Under Section 250 Cr. P. C.**

No compensation has been awarded to the accused persons on account of false and frivolous complaints filed against them as against six cases during the last year. The total amount of compensation so awarded is nil as against Rs. 275 in the last year.

**Offences Effecting Human Body**

4,834 offences of this kind were reported during the year.

**Illicit Traffic in Women**

Under "Suppression of Immoral Traffic in Women Act" no case was brought to trial during the year under report.

**Abduction**

367 cases of abduction were reported.

**Offences Affecting Property**

19,347 offences of this kind were reported during the year as against 12,918 during the previous year.

**Cases Under Special and Local Laws**

The number of cases reported under this head, including the closing balance of the last year was 39,687. Out of these 31,489 cases were disposed of.

**Persons Bound Down to Furnish Security**

In the Kashmir Province 325 persons were bound down to furnish security for keeping peace and to be of good behaviour during the year under report as against 302 persons in the preceding year.



### Cases Under Infants Marriage Act

9 cases involving 36 persons were reported under this head during the year under report as against 35 cases involving 140 persons in the last year. Out of these 5 cases involving 20 persons were disposed of as against 29 cases involving 116 persons in the last year.

### Punishment Awarded

The details of the punishment awarded during the year under report as also the preceding year was as under :—

	1959-60	1960-61
1. Imprisonment with fine.	2,545	2,579
2. Fine only.	427	12,498
3. Imprisonment only.	3,216	366
4. Life imprisonment.	7	3
5. Death sentences.	4	3
6. Other sentences.	212	508
Total	6,411	15,957

### Witness examined

The number of witnesses examined by the Criminal Courts both original and appellate was 27,907 as against 24,954 in the previous year.

### Appellate Courts

There were 455 appeals before the Criminal Courts. Of these 363 appeals were disposed of.

### Under trial prisoners

The total number of under trial prisoners kept in 38 lockups was 2,693 during the year under report. 180 under trial prisoners remained at the end of the year.

### Revisions

481 Criminal Revisions applications came up in the concerned Criminal Courts for disposal during the year under report. Out of these 385 were disposed of.

## PART 'B'—CIVIL

The number of Courts exercising civil powers was 49 during the year.



**Nature of the Original Suits**

The nature and description of the suits filed during the year 1960-61 is as under :—

1. Suits regarding landed property	.. 1,949
2 Suits regarding money transactions	.. 1,974
3. Suits for other rights	.. 1,376

Total 5,299

Of these cases 5,293 were disposed of

**Execution of Decrees**

The total amount of decrees executed was as follows :—

Year	Opening Balance	Institution	Total	Disposal	Closing Balance
------	--------------------	-------------	-------	----------	--------------------

1960-61	20,01,699	12,62,804	32,64,503	13,61,810	1,90,22,693
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Nature of applications pending disposal :—

1. Below six months	.. 944
2. Below one year	.. 548
3. Over one year	.. 663

Total 2,155

**Civil Original Appeals**

Of a total of 1,147 Civil Original Appeals, 762 were disposed of.

**Civil Miscellaneous Appeals**

384 Civil Miscellaneous Appeals were instituted during the year under report. Of these 269 appeals were disposed of.

**Succession Certificates**

The number of applications instituted and disposed of under the Succession Certificates Act was 148 and 130 respectively.

**Witness Examined**

9,316 witnesses were examined in the Civil Courts during the year under report.



**Registration of Documents**

The following is the comparative table of the registration work done by the officers exercising powers under the Registration Act

Year	Documents Presented	Documents Registered	Documents in which Registration was Refused	Documents Pending
------	---------------------	----------------------	---	-------------------

1959-60	33,694	33,189	504	7
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1960-61	20,795	20,587	201	7
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**Nature of Documents Registered**

Year	Mortgaged Deeds	Sale Deeds	Wills	Bonds	Miscellaneous
------	-----------------	------------	-------	-------	---------------

1959-60	136	11,845	909	16	20,283
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1960-61	834	9,673	1,827	227	8,026
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**Agriculture Relief Act**

28 Courts in the State exercised jurisdiction under the Agriculture Relief Act.

**Original Jurisdiction**

Of a total of 1,251 suits filed, 661 were disposed of.

**Execution of Decrees**

The following is the comparative table of the work done under this head :—

Year	Opening Balance	Institution	Total	Disposal	Closing Balance
------	-----------------	-------------	-------	----------	-----------------

1959-60	197	204	401	227	174
---------	-----	-----	-----	-----	-----

1960-61	174	165	339	153	186
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Appeals under the Agriculturists Relief Act instituted and disposed of during the year under report is as under :—

Year	Opening Balance	Institution	Total	Disposal	Closing Balance
------	-----------------	-------------	-------	----------	-----------------

1960-61	4	5	9	5	4
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## HIGH COURT OF JAMMU AND KASHMIR

**Civil Work**

Out of 787 Civil Cases that came up for disposal during the year under report, 490 cases were disposed during the year under report.

**Civil Cases**

Out of 653 criminal cases that came up for disposal during year, 538 were disposed of.

**Seasonal Courts**

Two seasonal Courts functioned at Gulmarg and Phalgam for the first half of the year under report.

**Inspection**

The following Courts were inspected during the year under report :—

Court of District and Sessions Judge, Srinagar.

Court of District and Sessions Judge, Jammu.

Court of Additional District Judge, Srinagar.

Court of Additional District Judge, Jammu.

Court of Additional District Magistrate, Srinagar.

Court of Additional District Magistrate, Jammu.

Court of Sub-Judge, Jammu.

Court of City Magistrate, Jammu.

Court of Sub-Registrar, Jammu.

Court of Munsiff, Jammu.

Court of Mobile Magistrate, Srinagar.

Court of Judge Small Causes, Srinagar.

Court of City Magistrate, Srinagar.

Court of City Munsiff, Srinagar.

Court of 1st Additional Munsiff, Srinagar.

Court of 2nd Additional Munsiff, Srinagar.

Court of Sub-Registrar, Srinagar.



Court of Munsiff, Basohli.

Court of Munsiff, Akhnoor.

Court of Munsiff, Ramban.

Court of Munsiff, Sopore.

Court of Munsiff, Kulgam.

Court of Sub-Judge, Shopian.

Court of Sub-Judge, Baramulla.

Court of Munsiff, Badgam.

Court of Munsiff, Handwara.

Court of Sub Judge, Kathua.

Court of Sub-Judge, Udhampur.

Quarterly statements and the six monthly delay statements were obtained and scrutinized. Necessary instructions were issued to all the Presiding Officers of the concerned Courts to expedite disposal of old cases pending with them.

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**LEGISLATIVE COUNCIL****Composition of The Legislative Council**

The total strength of the Jammu and Kashmir Legislative Council is 36 of which thirty members are elected and six are nominated by the Sadar-i-Riyasat.

**Session and Meetings**

The Jammu and Kashmir Legislative Council held one session during the period under review.

(1) The February-March, 1961 Session commenced on the 4th of February, 1961 and terminated on the 14th of March, 1961. The Council held 19 Sittings.

**Legislation***Government Bills*

The following twenty Government/Private Bills as passed by the Jammu and Kashmir Legislative Assembly were received in the Council for its concurrence or recommendation and were passed/returned by the Council :--

1. A Bill further to amend the Jammu and Kashmir Motor Vehicles Act, Svt. 1958 ;
2. A Bill further to amend the Jammu and Kashmir Preventive Detention Act, Svt. 2011 ;
3. A Bill to amend the Jammu and Kashmir Octroi Act, Svt. 1958 ;
4. A Bill further to amend the Jammu and Kashmir Excise Act, Svt. 1958 ;
5. A Bill further to amend the Jammu and Kashmir Land Revenue Act, Svt. 1996 ;
6. A Bill further to amend the Delivery of Books to Public Libraries ;
7. A Bill further to amend the Jammu and Kashmir General Sales Act, Svt. 2004 ;
8. A Bill further to amend the Payment of Wages Act, 1956 ;
9. A Bill further to amend the Jammu and Kashmir Trade Unions Act, Svt. 2006 ;
10. A Bill further to amend the Jammu and Kashmir Industrial Disputes Act, Svt. 2006 ;
11. A Bill further to amend the Constitution of Jammu and Kashmir ;



12. A Bill to authorise payment and appropriation of certain further sums from and out of the Consolidated Fund of the Jammu and Kashmir State for the Services of the Financial Year 1960-61;

13. A Bill further to amend the Jammu and Kashmir Representation of the People Act, 1957 ;

14. A Bill further to amend the Code of Civil Procedure, Svt. 1977 ;

15. A Bill further to amend the Jammu and Kashmir Excise Act, Svt. 1958 ;

16. A Bill further to amend the Jammu and Kashmir Houses and Shops Rent Control Act, Svt. 2009 ;

17. A Bill to provide for the Institution of Provident Funds of employees in factories and other establishments ;

18. A Bill to provide for the enforcement of standard weights and measures and for matters connected therewith ;

19. A Bill to amend the Salaries and Allowances of the Members of the Jammu and Kashmir State Legislature Act, 1960 ;

20. A Bill to authorise payment and appropriation of certain further sums from and out of the Consolidated Fund of the Jammu and Kashmir State for the Services of the Financial Year 1961-62.

### **Bills Passed**

The following Bills were considered and passed during the Session under review :—

1. A Bill to facilitate the collection of Statistics of certain kinds relating to Industries, Trade and Commerce ;

2. A Bill further to amend the Jammu and Kashmir Houses and Shops Rent Control Act, Svt. 2009 ;

3. A Bill further to amend the Transfer of Property Act, Svt. 1977 ;

4. A Bill to encourage the development of Industries in the State of Jammu and Kashmir by the grant of State Aid.

### **Private Members' Bill Introduced**

A private members' Bill to amend the Jammu and Kashmir Village Panchayat Act, 1958.

### **Financial Business**

1. Shri G. L. Dogra presented a Supplementary Statement of Expenditure for the year 1960-61 on the 20th February, 1961.



2. Shri G. L. Dogra presented a Statement of Estimated Receipts and Expenditure of the State for the year 1961-62 on the 25th of February, 1961.

The Budget was discussed on the 28th February, 1st March and 4th March, 1961.

### Presentation and Discussion on Various Reports

Name of the Report.	Date of Presentation.	Date of Discussion.
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1. Third Report of the Committee of Privileges.	The 9th March, 1961.	The 13th March, 1961.
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**ELECTRIC AND MECHANICAL DEPARTMENT****Administration**

The administrative charge of the Department during the period under report was held by Kanwar Ranjit Singh Jamwal.

**Statement of Expenditure**

		1959-60	1960-61
		Rs.	Rs.
1. Srinagar Division	..	7,71,544	6,19,943
2. Baramulla Division	..	39,39,486	28,09,590
Mohura			
3. Jammu Division	..	18,44,815	20,81,917
4. Development Division	..	29,35,000	39,34,000
5. Sindh Division Srinagar	..	29,74,064	18,32,760
6. P & P Division	..	9,66,830	
7. Water Works Division	..	31,74,412	34,67,659
8. B. I. Kashmir	..	3,623	11,302
9. do. Jammu	..	5,870	5,319
10. P & P Division Jammu	..	..	43,093

**New Roads Started and Completed**

Nil.	1. Kacha Road.
	2. Kharate Road.
	3. Sochani.
	4. Bishnah Tube-well Road.

**New Buildings Started**

1. Receiving station at Pampore.	Sub Station building started and completed, Arina & Kirpand.
2. Staff quarters Anantnag.	Staff quarters at Warpush.
3. AE's quarter at Anantnag.	Extension of Power House Ganderbal.



1959-60

1960-61

- | 1959-60   | 1960-61  |
|---|--|
| 4. Gang hut at RD 6500, 37000, 4000 & 4500.               | Receiving Station Markundal.                         |
| 5. A. E.'s quarter at Kathua.                             | Tube-well building at Industrial Estate Gandhinagar. |
| 6. Lineman quarter at Kathua.                             | Sump Tank I. E. at Gandhinagar.                      |
| 7. 4 Operators quarters at Samba.                         | Chowkidars quarters at Gandhinagar.                  |
| 8. 3 Clerks quarter at Samba.                             | Tube-well building No. 9 Gandhinagar.                |
| 9. A.E 's quarter at Samba.                               | Chowkidar quarters Ramnagar.                         |
| 10. Foreman quarter at Samba.                             | Tube-well building at Ranjan.                        |
| 11. Engine shed at Kud.                                   | Operator quarter at Ranjan.                          |
| 12. Tube well building at Dhokekhalisa.                   | Tube-well building at Jang.                          |
| 13. Operator quarter & Chowkidar quarter at Dhokekhalisa. | Operator-cum-Chowkidar quarter at Tanyari.           |
|   | 14. Tube-well building at Baru.                      |
|   | 15. Chowkidar quarter at Bathandi.                   |
|   | 16. Lineman's hut at Malpur.                         |
|   | 17. Lineman's hut at Panditan di Serai.              |
|   | 18. Laterine at Hatli Mour Kathua.                   |
|   | 19. Lineman's hut at Paloure.                        |



1959-60

1960-61

20. Compound wall.
21. Power House Building at Bhadarwah.
22. Construction of Superintendent Power House's quarters.
23. Staff quarter at Bhadarwah.
24. Operator and Chowkidar quarter at Channi Rama.
25. Operator quarter and Pump Room at Channi Himmat.
26. Operator and Chowkidar quarter at Top Sher-Khanian.
27. Tube-well building at Seri Panditan.
28. Chowkidar quarter at B. C. Road.
29. Pump Room at Bamtalab.
30. Pump Room at Garhmandi Samba.
31. Office building Operator and Chowkidar quarter at Samba.
32. Chowkidar quarter at Gurahsalathian.
33. Pump Room at Sangwal.



1959-60

1960-61

- 
34. Chowkidar quarter at Bagona.
  35. Operator and Chowkidar quarter and Pump Room at Koota.
  36. Operator -cum- Chowkidar quarter at Rajbagh.
  37. Two transformer Sub-Stations at Jawahar Nagar.

### New Buildings Completed

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Construction of 9 staff quarters at Samba.</li> <li>2. Construction of 1 store shed at Miranshaib.</li> <li>3. Construction of 1 store shed at Kud.</li> </ol> | <ol style="list-style-type: none"> <li>1. Completed power house shed at Kupwara and staff quarters.</li> <li>2. Transformer station at Chrari-sharif.</li> <li>3. Tube-well building Partapbagh No. 8 Jammu</li> <li>4. Tube-well building Industrial Estate Gandhi Nagar.</li> <li>5. Pump Room at Narwal.</li> <li>6. Operator quarter at Gandhi Nagar. Tube-well No. 9.</li> <li>7. Chowkidar quarter at Gandhi Nagar Tube-well No. 9.</li> <li>8. Superintendent Power House's quarter at Rajouri.</li> </ol> |
|--|---|



1959-60

1960-61

9. Operator and Chowkidar quarter at Channi Ramma.
10. Operator and Chowkidar quarter and Pump Room at Channi Himat.
11. Tube-well building Operator and Chowkidar quarter at Dhoke Khalsa.
12. Chowkidar and Tube-well building at Baru.
13. Operator and Chowkidar quarter at Top Sher-Khanian.
14. Tube-well building and Chowkidar quarter at Seri Panditan.
15. Chowkidar quarter at B. C. Road.
16. Chowkidar quarter at Poonch.
17. Pump Room at Gurhmandi Samba.
18. Sub-Station at Arnia and Kirpind.
19. 2 Operator-cum-Chowkidar quarters at Ramnagar.
20. Reservoir at Tandyari.



The following table indicates the increase if any, Division-wise in the number of Power and Lighting installations in the year under report :—

Serial No.	Name of Division	Power		Lighting	
		1959-60	1960-61	1959-60	1960-61
			Increase		Increase
1	Srinagar Division	765	805	40396	43549
2	Baramulla Division	89	94	6133	6408
3	Jammu Division	488	553	12949	14757
4	Dev ; Jammu Division	14	21	1235	1414
5	Sindh Division	65	68	3196	3255
6	Chenani Project, Jammu Division	9	11	206	306

( 280 )

#### WATER CONNECTIONS

#### TAP CONNECTIONS

1. Water Works Jammu.

6794

7711

917



The following new areas were provided with electricity during the year under report :—

(A) KASHMIR PROVINCE

1. Kupwara
2. Chrari Sharif
3. Badgam
4. Dachigam
5. Kherpura
6. Chandan Wari
7. Gusser
8. Mazlug
9. Nawpora Abi
10. Pandrenthan
11. Channapora
12. Wanganpora
13. Karsoo
14. Hazuri Bagh
15. Shalimar
16. Aerodrome
17. A part of Pattan
18. Doalgah
19. A part of Palhallan
20. Vri
21. Latapora
22. Lolab
23. Ompora
24. Nishat

(B) JAMMU PROVINCE

1. Nagbani.



2. Padrore.
3. Dai Chak.
4. Poni Chak.
5. Chanchla.
6. Munshi Chak.
7. Dagiana.
8. Harijan Basti Kathua.
9. Sarwasti Nagar.
10. New Basti Talab Tilloo.
11. New Basti R. S. Pora.
12. New Basti Miran Sahib.
13. Panthal.
14. Reasi.
15. Janglote.
16. Gurah.
17. Doomi.
18. Malpur.
19. Seri Panditan.
20. Thelari.
21. Narwal.
22. Southern Barnai.
23. Krishan Nagar.
24. Rajpora.
25. Raya.
26. Sullan.
27. Gullani.
28. Cherill.



**Power Generated**

The following table indicates the generating capacity and the power actually generated during the year under report :—

S. No.	Division	Power House	Rating	Units Generated
1	Jammu Division	Jammu Hydro P. H.	100 Kw.	30,80,580
2	do.	Diesel Jammu P. H.	..	...
3	do.	Jogindernagar	3,650 Kw.	1,53,31,900
4	do.	Poonch P. H.	150 Kw.	28,656
5	do.	Rajouri Diesel	100 Kw.	62,425
6	do.	Basohli Diesel	100 Kw.	1,46,560
7	Development Div. Jammu	Udhampur	500 Kw.	13,277
8	do.	Katrah Diesel	..	..
9	do.	Ramnagar	100 Kw.	22,723
10	do.	Banihal	85 Kva.	17,250
11	Sindh Division	Ganderbal P. H.	6000 Kw.	3,71,36,475
12	Baramulla Division	Mohura	2100 Kw.	1,03,29,590
13	P and P Division Srinagar	Draphama	20 Kw.	4,210
14	do.	Kripwara	25 Kva.	7,590
15	Srinagar Division	Bandipora	30	..
16	do.	Pahalgam	140	..
17	do.	Diesel Sets Srinagar	(Durganag and Exhibi- tion Diesel Plants) 700 Kws.	9,93,300

**Power Interruptions****1. MOHURA POWER HOUSE**

There were power interruptions for 93 hours and 20 minutes on account of renovation, repairs and normal maintenance.



## 2. JAMMU DIVISION

There were 204 interruptions in Jammu Power House during the year due to machinery and other troubles.

## 3. GANDERBAL POWER HOUSE

There were minor interruptions in Ganderbal Power House on account of repairs to the Canal and due to earth faults and over current.

## 4. UDHAMPUR POWER HOUSE

17 days interruption due to the closure of canal due to heavy snowfall at Batote.

1. Second Generating set of 625 KVA tested and put into Commission.

2. L. T. Lines extended to :—

- (a) Karan Nagar.
- (b) Sarswati Nagar.
- (c) Talab Tillo.
- (d) Rehari.
- (e) Ustad Mohalla.
- (f) Below Gummat.
- (g) Below Purani Mandi.
- (h) Kalienthian.
- (i) Krishan Nagar.
- (j) New Plots Rehari.
- (k) New Estate Satwari.
- (l) Canal.

3. Electrification and installation of :—

- (a) Transformer at village Dagiana.
- (b) Laying of LT Lines in village Purkoh.
- (c) do. Munshichak.
- (d) Extension of L. T. Lines in New Basti and different Mohallas of R. S. Pora.



- (e) Extension of L. T. Lines New Basti Miransahib.
- (f) Installation of transformer and L. T. Lines laid at Rest House Chinab River Bridge.
- (g) Extension of L. T. Lines up to Mohalla Railway Lines R. S. Pora.
- (h) Rajwan and Nardani.
- (i) L. T. Lines extended up to Harijan Colony and other parts of Kathua.
- (j) L. T. extended to Mandi Kehli.
- (k) do. Mandi Gharota.
- (l) do. Kheri Mandi.
- (m) do. Chak Mangan.
- (n) do. Pacci Mandi.
- (o) do. Sanain.
- (p) do. Bus Station Samba.
- (q) do. Near Hospital Samba.
- (r) do. Ram Talai Samba.
- (s) do. Near the house of Shri Chajju Ram.
- (t) Manufacturing of Penstock.
- (u) Machinery for the power house in progress.
- (v) 11 KV Line Mattan completed.
- (w) Erection of poles on 11 KV line to Kulgam completed.
- (x) 66 KV line Draphama completed.
- (y) 66 KV line Kupwara Hydel station completed.

#### 4. Transformers installed :—

- 1. Shamu Chack.
- 2. Kaluchack.
- 3. Arniya.
- 4. Rattian Kirpind.
- 5. Nandpore Sarore.



6. Chusala.
7. Naghani.
8. Kothi Shakdulla
9. Kalyan Pur.
5. Electrification of New Secretariat Building.
6. do. Industrial Exhibition Jammu.
7. do. Arts College Jammu.
8. 11 KV Line from Bhadarwah to Doda L. T. distribution  
Doda.
9. Construction of 11 KV Line from Udhampur to Katra.
10. do. do. from Udhampur to Kud and  
Chenani.
11. Extension of KV line from Udhampur to Ramnagar.
12. Completed 11 KV line from opposite Bank of Ravi River  
Dhar Station (Punjab Territory) up to Basohli.
13. Started and completed the erection of poles on 11 KV line  
to Kulgam.
14. Completed erection of poles on 11 KV line from Anantnag to  
Larkipora.
15. Completed the erection and striging of 66 KV line Draphama  
to Dora, Saidpora as also L. T. work.
16. Commissioned Kupwara Hydel Station and completed  
erection of 66 KV from Ghushi to Kupwara also charged L. T. System.
17. Completed the H. T. and L. T. Electrification of  
Chrarisharif.
18. Completed electrification of Badgam and Ompora.
19. Completed all civil works including main Receiving  
Station Building.
20. Completed outdoor civil works.
21. Completed receiving station building and other civil  
works at Markundal.
22. Completed 11 KV line Pattan, Vedipora and Pattan  
to Tangmarg.
23. Completed 11 KV line from Baramulla to Watrigam.



24. Completed LT Conversion at Baramulla (18 stations).

25. Completed LT Conversion at Pattan and Pallahalan.

26. Completed LT Conversion at Doabgah, Jagir, Manzseer, Amargarh.

27. L. T. Conversion at Sopore completed.

28. L. T. Conversion at Tangmarg completed.

29. Improved low load by putting up mercurry bulbs from a point near Lake paveline gate up to Kral Sangri.

30. The following were electrified in Srinagar Electric Division :-

1. Brick and Tile Factory Pampore.

2. Stadium.

3. Youth Hostel.

4. Fruit Market.

5. Tagore Memorial Hall.

6. Barzulla Industrial Estate.

7. Nishat Reservoir new filtration plant.

8. Rural Bus Stand Building.

9. Installed 79 brackets points in cantonment.

10. Diesel Generating sets were installed in S. M. H. S. Hospital and Chest Diseases Hospital as stand by.

11. Two new Sub-Stations for housing the transformers at.

(a) TUBE-WELLS COMPLETED

1. Baruii.

2. Ranjan.

3. Janglote.

4. Partapbagh No. 7 & 8.

5. Gandhi Nagar.

(b) TUBE-WELL IN PROGRESS

1. Nanan.

2. Tandyari.



3. Sochani

4. Kharote.

5. Bishna.

(c) RESERVOIRS BUILT

1. Tandyari.

2. Nanan.

(d) RESERVOIRS IN PROGRESS

1. Ramanagar.

2. Janglote.

3. Manda.

(e) IMPROVEMENT EFFECTED IN JAMMU WATER SUPPLY

1. Laid  $1\frac{1}{2}$ " dia. pipe line at Gandhinagar Sector 'A' Block 'C'
2. do. do. do. do. 'C' do. 'C'
3.  $2\frac{1}{2}$ " do. do. do. do.
4. do. 4" do. do. do. do.
5. do. 6" do. do. do. do.
6. 4" dia. rising main from Narwal village to Bathindi.
7. Interconnection of 6" dia. Tube-well No. 9 laying with 4" dia distribution line at Tawi Bridge Side.
8. Laying of  $1\frac{1}{2}$ ",  $2\frac{1}{2}$ ", 4" & 6" pipe lines for supply of water from Manda Reservoir to Karan Nagar Jammu.
9. Laying of  $2\frac{1}{2}$ " dia. pipe line for supplying water from Pumping Station Partapbagh to Patal Jammu.
10. Extension of line from Partapbagh to State Exhibition.

(f) THE QUANTITY OF WATER PUMPED AND SUPPLIED.

Water Works Jammu.	Total Water yield	1,64,98,00,000 Glns.
	Total Water supplied	1,64,98,00,000 Glns.

1. SRINAGAR ELECTRIC DIVISION

The charge of the Division was held by Shree M. G. Hassan Electrical Engineer. Rs. 20,19,840.00 nP. was realized as revenue during the year.



## 2. SINDH ELECTRIC DIVISION

The charge of the Division was held by Shri G. N. Peer Electrical Engineer. Rs. 2,65,229.00 nP. was realized as revenue during the year.

## 3. BARAMULLA ELECTRIC DIVISION

The charge of Division was held by Shri S. S. L. Sadhoo Electrical Engineer. Rs. 2,86,405.00 nP. was realized as revenue during the year.

## 4. ELECTRIC DIVISION JAMMU

The charge of the Division was held by Shri B. L. Gupta Electrical Engineer. Rs. 18,15,788.30 nP. was realized as revenue during the year.

## 5. DEVELOPMENT DIVISION JAMMU

The charge of the Division was held by Shree R. L. Sharma Electrical Engineer. Rs. 1,72,150 was realized as revenue during the year.

## 6. P & P DIVISION SRINAGAR

The charge of the Division was held by Shri G. A. Ahanger Electrical Engineer. Rs. 2,65,229 was realized as revenue during the year under report.

## 7. WATER WORKS DIVISION JAMMU

The charge of the division was held by Shri D. R. Sharma who on retirement was succeeded by Shri T. R. Gupta. Rs. 56,407 was realized as revenue during the year.

## 8. BOILER INSPECTOR KASHMIR

15 candidates applied for the award of Boiler Competency Certificates out of which 9 passed, 3 failed, one was not admitted and two did not appear.

## 9. BOILER INSPECTOR JAMMU

There were 13 candidates for award of Boiler Competency Certificates out of which 8 were declared successful.

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## TRANSPORT DEPARTMENT

### Administrative Control

During the year under review the Department remained under the administrative control of Shri S. K. Raina, Transport Commissioner.

### Important Achievements

In addition to the extension and addition of various services, the Department started a goods carrier service up to Leh. For this purpose special type Unimog Vehicles were put into operation which were suited to ply on high altitude roads. The operation of this service for the first time opened the backward and far-flung areas of Ladakh to the rest of the world.

The Department increased its fleet strength by pressing into service new vehicles to meet pressing demand to lift greater quarters of Army stores. The Department also made arrangements for carriage of fuel for the Army in B. P. L's which were constructed to suit the job.

A Central Workshop was established during the year under report to meet the demand for major replacements of the fleet as the Regional Workshop looked after the remaining repair work only.

A District Headquarter building was constructed at Partap Park in order to provide better booking facilities to the travelling public. This building also provides garaging facilities for the buses. The Department also acquired accommodation for housing offices in Jammu by purchasing a building at Jammu (Tawi).

### Goods Operation

During the year under report 63,99,288 miles were covered by goods carriers and 34,51,776 maunds were transported.

### Passengers Operation

The total number of routes covered by the Passenger Service during the year was 61 covering about 2,795 miles.

### Sight Seeing Services

27,048 tourists were carried during the year 1960-61 in Sight Seeing Buses.

### City Services

This Department operated city bus services at Srinagar, Jammu and Udhampur. The following table will show the total number of



passengers carried and revenue earned on this account during the year under report :—

			1960-61
Passengers carried	..	Rs.	39,57,990
Revenue earned	..	Rs.	7,06,634

### District Services

District Bus Services are operated in both Kashmir and Jammu Province. Three new routes were taken under operation during the year 1960-61 respectively.

The following comparative table will give an idea of working of the District Services :—

	1959-60	1960-61
a. No. of passengers carried..	15,42,123	23,03,624
b. Revenue earned ..	Rs. 9,65,671	Rs. 13,88,607

### Hill Operation

42,779 passengers were carried during the year 1960-61 as against 3,849 passengers during 1959-60. The increase is due to improved service conditions and greater influx of tourists.

### Amenities to Travelling Public

Provision of comfort and convenience to the travelling public continued to engage the attention of the Department. Latest type buses with luxury-type-seats were pressed into service to make the journey of the tourists more comfortable. Adequate transportation facilities were made available to the public for visits to the places of religious and social importance in the State. New sheds at Jammu, improvements to the existing ones at Srinagar and depots at Sopore, Anantnag and Rajouri, were also provided for the short sojourn of the people. Complaint books were provided at every vehicle and suggestions from travellers received prompt attention.

### Reservation of Seats

The Department provided adequate facilities for reservation of seats. A nominal fee of 25 nP. per seat is fixed for reservation.

### Bus Stations

The Department provided bus stations at Srinagar, Jammu and Pathankot. At each of these stations suitable facilities exist for convenience of the travelling public. In case of breakdown *en route*, relief buses were rushed.



### Composition of the Fleet

The following make of vehicles comprise the fleet of the Department :—

1. Chevrolet.
2. Bed-Ford.
3. Mercedes Benz.
4. Layland.
5. Commer.
6. Unimogs.
7. One ton Willys Jeeps.
8. Latest Model Plymouth cars.
9. Ambassador Cars.
10. Standard Cars.
11. Power Dodge Wagons.

### Dispensaries

There are two Departmental dispensaries one each at Srinagar and Jammu regions functioning under the supervision of part-time Medical Officers. The statistical data tabulated below reflects the working of the Regional Dispensaries during the period under report :—

Particulars	Srinagar		Jammu	
	1959-60	1960-61	1959-60	1960-61
a. Out-patients ..	51,531	63,069	9,320	13,620
b. Indoor patients ..	Nil	Nil	Nil	Nil
c. Operations				
i. Major ..	Nil	Nil	Nil	Nil
ii. Minor ..	5,869	7,886	90	117

### Technical Training Scheme

Training facilities were provided to 20 students sponsored by various Technical Institutions in India at the Regional Workshop of the Department.



## DIRECTORATE OF TOURISM

### Administrative Control

The charge of the Directorate during the year under report was held by Shri P. N. Madan.

### Publicity

To publicise the beauty spots of the State, advertising at home and abroad was conducted through the Directorate of Advertising and Visual Publicity, Government of India.

### Tourist Reception Centre, Srinagar

The Tourist Reception Centre, Srinagar which now functions round the clock, imparted assistance and guidance to thousands of tourists who called at the Centre even at odd hours. To remove the complaints of middle income group tourists for not being able to obtain accommodation at reasonable rates a number of tents and chouldaries fully furnished were provided and the rental charges ranged from annas eight per head to Rs. 2/8/- per head for 24 hours. This was much appreciated by the tourists and helped in removing the congestion during the peak tourist season.

### Pahalgam

The Tourist Officer here was provided with adequate staff to cope with the rush of visitors as well as written enquiries received from the tourists who called at the Tourist Reception Centre here. The rush of tourists to this tourist resort having increased considerably, additional seasonal staff for the first time was provided there.

### Kokarnag

The office at this place remained open throughout the year for rendering assistance and guidance to tourists staying at this centre for a longer period. Accommodation for the first time was provided to them in the huts and tents pitched up by the Department in the camping grounds. For the facility of the tourists staying at the famous tourist spot at Daksum, which is only 10 miles away from Kokarnag, the seasonal office was also opened here.

### Tourist Hotel

A spacious building styled as tourist and youth host was completed during the year under review. This has also helped in removing the congestion of tourists during the peak tourist season, as about 500 of them can be accommodated in this building at a time at nominal charges of 50 Np. to Re. 1/- per head for 24 hours.

### Tourist Office, Jammu

The Tourist Officer here had to attend to the tourists in the dak bungalow and also to the Yatries staying in the Vaishnodevi Serai at Jammu. Arrangements for tourist-cum-pilgrims bound for Katra were also made.



## Tourist Office, Katra

The tourist office at this place functioned as usual to assist pilgrims visiting Shree Vaishnodevi. For the facility of such tourists this office was adequately supplemented with the seasonal staff to assist him in this work. A large number of tourist-*cum*-pilgrims made use of the Reception Centre constructed here for the night's halt on nominal charges. As a result of these facilities the number of tourist-*cum*-pilgrims during the year under report swelled to 1,48,248 as against 1,41,073 of the previous year.

Seasonal tourist offices at Achhabal, Ganderbal, Sonamarg, Yusmarg, Nagin and Nasim continued to function to assist the tourists at these places during the tourist season.

The restaurant facilities for the tourists were provided as usual in the Tourist Reception Centre, Nehru Park and Government Clubs at Gulmarg and Pahalgam which were run under the supervision of the Tourism Directorate.

Parks were laid out in different parts of the State for the recreation of the tourists.

For the facility of thousands of tourists visiting Shree Amar Nath Ji Cave a Tourist Mobile Camp was deputed as usual during the year under report.

For the facility of tourists, reservations of the dak bungalows, rest houses and tourist huts in different parts of the State were effected by the Directorate.

For the amusement of tourists cultural shows were held in the Tourist Reception Centre Hall during the tourist season which were attended by a huge number of home and foreign tourists.

Stalls were opened in Srinagar and Jammu Industrial Exhibition where scenic beauty of the State was exhibited and tourists literature distributed amongst the visitors.

A large number of tour parties ranging from 100 to 1,800 were given due assistance and guidance by the Department.

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## DEPARTMENT OF FISHERIES

### Introduction

Production of trout in the hatcheries and streams and mirror carp and other fish in ponds and lakes etc. showed a great increase during the year under report. Trout salvaged from dried-up portions were stocked in various streams and hatcheries for further propagation. There was great demand for the sale of trout and the hatcheries were well stocked with saleable fish. Similarly mirror carp fish and the country fish continued to flourish and the professional fishermen obtained sufficient catches which improved their living conditions.

With the adoption of various piscatorial and development methods and enforcement of rules and regulations and with the tightening of watch and ward activities, about 27,00,000 lbs. of the mirror carp fish were achieved at the end of the 4th year of the 2nd Plan period. It was expected that about further 10,00,000 lbs. shall become available at the end of the 5th year *i. e.* 1960-61, against which about 40,00,000 lbs. more were achieved. Fish traders have found new markets for selling fish in far-off places in the State.

Illegal extractions of sand, bajri, stones from the beds of the streams and Nallas were stopped and various Nallas and streams of Jammu Province are leased out for the extraction of these materials on comparatively higher bids.

As a result of effective watch and control, poaching and other fishery offences have shown downward trend.

### Trout Fishing

20 beats out of 29 beats remained closed for trout fishing during the year under report. 7,349 trout weighing approximately 13,815 lbs. were hooked by the anglers against 6,119 trout weighing 6,918 lbs. in the previous year. Thus an increased number of more than 1,200 trout was caught by the anglers during the year under report.

The restocking of depleted stream in the previous year gave excellent results. The biggest trout of 13½ lbs. was caught in the Phoru stream in the month of July and is a record of that stream for the last 40 years.

The existing ponds in the hatcheries were improved and 2 new ponds were constructed each at Wayil and Papchan for stocking and rearing trout for the purpose of sale to visitors. Two Chowkidars' sheds were constructed near Bringi and Erin Fishing Lodges constructed previously for the facility of the anglers. 6 watcher huts were constructed on different streams to enable the staff to have round the clock check on poachers etc. The fishing lodges are properly furnished and sanitary fittings installed. These are being let out to the anglers, fishing in the streams on usual rent. 953 Trout Licenses bringing a revenue of Rs. 22,265 were issued during the year as against 693 licences valued at Rs 14,080 in the last year.



**Trout Hatcheries**

All the hatcheries remained well stocked during the year. Improvements and additions were made to provide sufficient scope for expansion of trout there. The production of trout ova and fingerlings showed encouraging results. 1,641 trout weighing about 3,135 lbs. costing Rs. 10,173 were sold to the public on cash payment against 1,327 trout costing Rs. 9,746 in the previous year.

3,250 yearlings obtained from the hatcheries were released and stocked in the following streams :—

1. Ferozpore stream	..	1,200
2. Mouri (Kalarooh)	..	1,200
3. Achabal	..	50
4. Tricker	..	800
		<hr/>
		3,250
		<hr/>

18,549 Trout were salvaged from drying portions of streams and their tributaries, mill channels and branches during winter months and stocked in other areas and depleted streams to ensure adequate stock in them. The details are as under :—

Streams	Number stocked	Hatcheries	Number stocked
1. Sindh Middle	720	1. Larribal	1,326
2. Moura	477	2. Chandigam	450
3. Erin	2,424	3. Harwan	54
4. Sindh Woyil	108	4. Tricker	1,281
5. Kokernag	1,680	5. Papchan	571
6. Lower Bringi	86	6. Achabal	2,261
7. Verinag	310		<hr/>
8. Tricker Nalla	1,040	Total	5,943
9. Katsu	997		<hr/>
10. Sunderkot	10		
11. Middle Bringi	15		
12. Achabal Nalla	925		
13. Akar beat No. 2	20		
14. Dandipora Nalla	549		
15. Akar beat No. 3	1,145		
16. Kulgam	1,300		
17. Ferozpora	80		
Total	<hr/>		
	12,606		
	<hr/>		



## Mirror Carp Fishing

Introduced from Nilgiris at the beginning of the 2nd Five Year Plan, this species of fish gave excellent result. It has multiplied rapidly and bred profusely in the still waters of the valley. The State is now self-sufficient in this respect and can even export fingerlings and fish to other states if demanded. The fingerlings are being collected locally and stocked in new ponds and waters for future development. One old pond was remodelled at Kishtwar where fingerlings have been stocked. The details of the areas where fingerlings collected locally have been stocked are as under:—

### KASHMIR

#### No. of fingerlings stocked

1. Sogam Nalla	735
2. Hayat Sar	325
3. Diva Sar	250
4. Ahansar	500

### JAMMU

1. Baju in Kathua	865
2. R S. Pora	600
3. Salarh	200
4. Binderwah Pond	325
5. Prethipora	800

Total	4,600
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## Aquarium

An aquarium has been constructed at Gagribal near Nehru Park where varieties of fish are intended to be displayed for exhibition for creating interest in the minds of the common people in the Development and preservation of fish.

## Training School

Fifteen employees of the Department—5 Head Watchers and 10 Watchers—were trained at the School during the year under report.



## Country Fishing

2,162 fishing licences for Reserved and Protected Waters were issued during the year as against 2,147 issued in 1959-60. The income derived on account of licence fee amounted to Rs. 78,565 as against Rs. 44,041 realised in the previous year.

## Offence Cases

The following table gives the detail of various offence cases during the year under report.—

	1959-60	1960-61
1. No. of cases detected.	552	657
2. No. of cases compounded departmentally.	282	281
3. No. of cases called in courts.	414	420
4. No. of cases detected by courts.	249	320
5. Amount of fine imposed by courts. Rs.	1,395	2,205
6. Amount of compensation realised by the Department.	Rs. 3,656.41	4,442.28

## Extraction of Sand, Bajri and Hakreza

The following number of licences were issued for extraction of sand, bajri, hakreza and grass etc. from various waters under the control of this Department. Last year's figures are also given for the sake of comparison :—

Unit	No. of licences issued		Amount recovered	
	1959-60	1960-61	1959-60	1960-61
1. Sand, Bajri Licences	235	213	Rs. 5,875	Rs. 5,325
2. Hakreza	249	226	2,923	2,712
3. Grass cutting licences from Anchar	54	77	2,430	4,677.48

In addition to the sale of licences on account of sand, bajri and stones, permits to collect material were also issued in individual cases on payment of royalty. This fetched a revenue of Rs. 10,879.13 to the Department. Most of the Nullahs particularly in Jammu Province were leased out on contract basis which fetched a revenue of Rs. 21,730.00. Thus a total revenue of Rs. 32,629.13 was recovered under this head against Rs. 31,237 in last years in addition to Rs. 5,325 on account of sale of licences.



## Construction and Repair Works

A sum of Rs. 1,77,181 was spent on construction works and repairs during the year.

The revenue of the Department has been raised from Rs. 1,17,134.89 in 1959-60 to Rs. 1,66,105.36 in 1960-61 which shows an increase by Rs. 48,970.47.



## FOREST DEPARTMENT

### Administrative Control

Shri A. A. Firdaus held charge of the Department as Chief Conservator of Forests throughout the year under report.

### Climatic conditions

In Jammu Province unusual climatic conditions were experienced. Whereas Chenab Valley was practically devoid of any Monsoons, summer rains of moderate intensity were experienced in the outer Siwaliks. The result was that whereas yield of resin reached its highest ebb, heavy incendarisim especially in Chir Zone took heavy toll of young Chir regeneration. Water in Chenab river and its various tributaries reached its lowest level due to unusual climatic conditions in Jammu which adversely effected carriage operations of timber and the resulting prolonged draught was very detrimental to the Forest Sowings and Plantings.

### Trade conditions

Favourable trade conditions existed, both inside and outside the State. In order to process and meet the demand of the main purchases of the Department *i. e.* Railways and Supply and Disposal Depots of Government of India, a new Forest Circle, named as Timber Utilization Circle was created during September, 1960 and the old Timber Utilization Division was amalgamated with it.

### Forest Circles

The Department was reorganised and four circles, namely, Jammu, Kashmir, Jammu Development and Kashmir Development Circles were bifurcated and reconstituted into 6 circles in September, 1960 and renamed as Jammu, Chenab, Kashmir North, Kashmir South, Working Plan and Research and Timber Utilization Circles.

### Training and scholarships

Five persons were deputed to undergo the Officers training and eight persons to undergo the Rangers training at the Indian Forest College and the Northern Forest Rangers College Dehradun respectively.

### Kashmir Forest Training School

Thirty Foresters and others received training for the year in the School and were declared successful after necessary examination was given to the Class.

### Preparation of Working Plans

During the year under report, Working Plan field-work continued in the following three Forest Divisions of Jammu Province, as no Working Plan was due for revision in Kashmir.



1. Kishtwar Forest Division.
2. Rajouri Forest Division.
3. Ramban Forest Division.

For Working Plan work in Kishtwar and Rajouri Divisions two separate Plan Divisions had been opened.

#### 1. KISHTWAR DIVISION

Lay out, enumeration, stockmapping and describing of compartments of Mawwar, Dachhan and Nagseni Ranges continued during the year. 50% enumeration in Deodar-Kail Forests and 33% enumeration in Fir Forests was completed in these Ranges. In all about 10,64,168 trees were enumerated. This is exclusive of 15 to 20% enumerated in checking.

#### 2. RAJOURI W. P. DIVISION

Lay out, stockmapping, and describing of compartments were carried out and completed during the year under report. Regeneration map on enlarged scale was also prepared.

For the first time the Forests in Rajouri Division were brought under a regular style Working Plan for scientific management. Haveli and Mandhar Ranges were worked under Working Plan compiled in late thirteen for the whole Poonch Jagir Forests. Similarly part of Rajouri Range was, also included in the erstwhile Chir Plan of Mirpur Forests Division, but major portion of the Forests covered by the Plan are on the other side of the Cease-fire Line. No plan existed at all for Nowshera and Delheri Ranges.

#### 3. RAMBAN W. P. DIVISION

Layout and enumeration in Ramban Forest Division was completed during the year under report.

A High Pasture Land Management Circle was formed in this Working Plan for the first time.

Enumeration was taken up in all the four Ranges of the Division and 6,90,152 trees were enumerated.

### Research and Drug Cultivation

The following works pertaining to the different aspects of Forestry were attended to during the year under report through the agencies of the Research Forest Division, Srinagar.

#### (I) SAMPLE PLOT WORK

Full and interim measurements of 18 different sample plots situated in Kashmir, Sindh, J. V. and Langet Forest Divisions were carried out.



**(II) EXPERIMENTAL PLOTS**

Work in Bamboo Experimental Plot was taken up to study the management problems of Bamboo with reference to optimum felling cycle and feeling intensity. As a preliminary step experimental clumps of average size were selected over an area of 25 acres.

**(III) INTRODUCTION OF EXOTICS**

Seeds of 21 exotic tree species were sown in nurseries situated at Srinagar and Chattarnar to study the mermination and Plant per cent and then suitability for extensive trials in the diverse climates of the State.

Conducted on poplar species last year were further expanded and in addition to the poplar species put in the Research Nurseries last year. Exotic and 5 local poplar species and hybrids were further planted for experimental purposes.

Along with the experiments on different poplar species observations on the behaviour and growth of different salix species were also started by planting 8 exotic and 8 local salix species obtained from F. R. L. and Haran Islands respectively in the Research Nurseries.

Plots were also laid out at Jai and Chirrala in Bhaderwah Forest Division to study conditions and factors governing Deodar and Fir regeneration. Grazing-cum-Erosion survey plots have also been started at Jai to study the effect of grazing on soil erosion.

**Drugs**

Pyrethrum and Drug Cultivation was carried out and the total area brought under Drug Cultivation up to the end of the year under report was 8,542 kanals.

**Silviculture**

During the year under report not much headway was made in the establishment of natural regeneration due to its being a bad seed-year in both the provinces.

Deodar, Kail Forests in Kashmir are subject to the invasion of weeds, wherever canopy is opened too much. These keep back the natural regeneration to come in and in most cases attempts to regenerate such areas artificially too have not borne no fruit.

No progress was made in the direction of Fir regeneration due to the bad effects of uncontrolled grazing collection and burning of hummes, raking of soil etc.

**Artificial Regeneration**

In order to supplement natural regeneration more nurseries were laid and the existing ones were also improved. Sowing and planting was also done at many places. The following table



indicates the quantity of seed sown in nurseries and other places, and plants planted out during the year under report, in the various Forest Circles of the State :—

Serial No.	Circle	Quantity or NOC-FB seed of coniferous and Misc. Broad leaved species sown			No. of plants of coniferous and broad leaves species transplanted
		Mds.	Srs.	Chts.	
1	Chenab	172	4	8	
		+ 25,000 No. of horse chestnut and 400 walnut.			5,80,967
2	Jammu	174	11	12	1,44,322
3	Kashmir North	460	6	0	8,53,999
4	Kashmir South	120	33	0	
		+ 12,300 walnuts, 16,750; horse chestnuts, 800 oak seed.			6,52,201
Total		513 Mds. 15 Srs. 4 Chts.			
		+ 41,750 horse chestnuts, 12,700 walnuts 800 oak seed.			22,31,489

In addition to the above 9,04,051 willow cutting were also transplanted during the year.

#### Afforestation works conducted by Forest Research Division, Srinagar

(i) To make up the casualties and to fill up the blanks 16,346 plants of various species were transplanted in Shanker-acharya Park.

(ii) 20 Mds. 20 Srs. and 8 Chtts. of seeds and 32,440 plants of miscellaneous species were supplied to the various sister Forest Divisions or institutes in and outside the State by the Research Division.



(iii) Work in the two Research Nurseries situated at Sonawar and Chattarnar was reoriented with a view to examine germination and behaviour on growth etc. of various endemic and exotic softwood species. If the results would be encouraging the Department could have a tree bank of these species in the above-mentioned nurseries.

### **Drugs and Farming**

Attempts have been made to have a drug nursery for every 200 kanals of farm area and cultivation of *Dioscorea* was taken up on an experimental scale at Tangmarg and in Anantag Range, its propagation had been tried both by vegetative means and seed. The vegetative reproduction has proved a success while propagation by seed has not been encouraging so far.

### **Miscellaneous**

(i) 2,525 plants of Shisham, Drek, Sarin and Chir were transplanted along the Ranbir Canal Road between Jammu and Akhnur besides planting *Ixpomia* and Bana etc. in quadruplicate lines along 6,300 Rft. on behalf of the Irrigation Department. In addition to this 15,705 plants were supplied to the Irrigation Department for being transplanted through their own means along the same Canal.

(ii) Gandhinagar avenue planting at Jammu was also done by transplanting 656 plants and erecting protective guards around them.

(iii) 18,410 plants of various species were supplied to the needy people free of cost from the nurseries of the Soil Conservation Division, Jammu.

### **Forest Protection**

Demarcation parties worked in both the provinces and did considerable work to check forest offences.

### **Protection of MFP**

Almost all the forests contain MFP's growing naturally and a vigilant watch is being kept against smuggling.

### **Protection from Fire**

The number of fire cases reported and registered during the year under report was 913 covering an area of 50,000 acres approximately.

### **Other Injuries**

The Black Bear has as usual taken certain toll of the Deodar poles by damaging their bark. Rats and Cut Worms did their share of damage in the nurseries. The main havoc was however caused by the Fungus *Tremetia Pini* and a Plant parasite (*Acrothobium minutesimum*) in Kail forests.



**Forest Engineering (Roads and Buildings)**

Available funds were utilized on the repairs or widening or improvement of the existing roads and the construction of new roads-bridges etc. In all Rs. 2,54,017.61 were spent on roads and bridges during the year. The Circle-wise break-up of the above-mentioned expenditure is as follows :—

i.	Jammu Circle	..	Rs.	80,853.67	
ii	Chenab Circle	..	Rs.	78,873.31	
iii.	Kashmir North Circle	..	Rs.	38,353.75	} This is exclusive of the amount spent in J. V. & S.C. Division.
iv.	Kashmir South Circle	..	Rs.	10,231.00	
v.	Keran Logging Project	..	Rs.	38,049.77	
vi.	Game Warden	..	Rs.	6,509.99	

**Buildings**

The existing buildings both official and residential, Forest Rest Houses, Huts etc. were improved and repaired at a total cost of Rs. 43,890.22 during the year under report. The Circle-wise break-up is as under :—

i.	Jammu Circle	..	Rs.	13,241.36	
ii.	Chenab Circle	..	Rs.	10,020.26	
iii.	Kashmir North Circle	..	Rs.	15,127.84	} Exclusive of expenditure by J.V. & S.C. Division.
iv.	Keran Logging Project	..	Rs.	364.50	
v.	Game Warden	..	Rs.	679.00	

New buildings costing Rs. 2,02,588.83 were constructed or completed in different Forest Circles during the year under report as under :—

1.	Jammu Circle	..	Rs.	84,641.95
2.	Chenab Circle	..	Rs.	36,547.37



3. Kashmir North Circle ..	Rs. 7,650.00
4. Kashmir South Circle ..	Rs. 51,395.36
5. W. P. & Research Circle ..	Rs. 14,983.67
6. Keran Logging Project ..	Rs. 7,370.48

In addition to the above the following special works (whose costs have not been included in the above-mentioned statements) were also conducted during the year under reference :—

1. *Jammu Circle* :—Gully plugging, check damming, Nalla Training works in SC Division, Jammu  
Rs. 4,499.86.

2. *Chenab Circle* :—A hut at South Tunnel was purchased for Rs. 1,950.11.

3. *Kashmir North Circle* :—  
i. Water supply to Khuihama Rest House Rs. 3,800.00.  
ii. Sanitary fittings in Forest Rest Houses at Darangyani and Zacheladara Rs. 7,000.00.

4. *Kashmir South Circle* :—  
i. Rs. 15,000.00 were given as compensation to be paid for the land required for the establishment of a Timber Depot at Harnag.

ii. Disilting of Boom Sites and replacing worn out piles at Zalwan, Khuihamad and Gangarhama Rs. 10,272.63.

iii. Repairs to Jawahar Tunnel, closure and gully plugging, check damming, trenches and pits etc. in SC Division Bijibehara Rs. 1,32,976.02.

iv. Repairs to Ahim-Sharif flume Rs. 478.00.

v. 1st storey of the Divisional Office building was completed.

5. *Game Warden* :—Bunds were constructed in Hygaum and Hokersar Rakhs at a cost of Rs. 5,039.00.



### **Pahalgam Beautification Scheme**

Rs. 12,752.00 spent on behalf of the Department of Tourism on repairs and remoulding of already laid out parks, construction of railing, painting of old and new works, construction of Sentry boxes within the park and maintaining swings, stills, etc.

### **Exploitation and Commercial Developments**

During the year under report 31 groups of leases were sold out to forest lessees against Rs. 4,05,13,705.94. The Circle-wise break-up is as under :—

- |                         |    |  |
|-------------------------|----|--|
| 1. Jammu Circle         | .. | One lease against Rs. 12,51,000.00.    |
| 2. Chenab Circle        | .. | Ten leases against Rs. 2,17,32,902.22. |
| 3. Kashmir South Circle | .. | Ten leases against Rs. 54,01,425.91.   |

In addition to the above one small lease of Baba Reshi in Gulmarg Range, was sold against Rs. 1,77,111.00 only. This amount was dedicated to the welfare of shrines.

During the year under report 6 firewood coupes were sold against a royalty of Rs. 1,07,518.80 in Kashmir South Circle in order to meet the fuel requirements of the city. In addition to this in all a total of 26,06,766 mds. of firewood and charcoal through the Departmental Agency or through private sources was imported into Srinagar, Sopore and Anantnag from various Divisions of the Valley. In Jammu firewood requirements are catered either by firewood and charcoal sale depot maintained by private individuals who mostly purchase leaved trees from Zamindari lands or by sale of dead fallen material within the demarcated forest.

To meet the demand of timber for the construction of houses for flood-stricken people, 4 timber sale depots were opened at Baramulla, Pattan, Narbal and Magam and 54,733 cft. of timber were issued from these depots.

### **Halfwroughts**

30,698 halfwroughts were extracted from Langet Forest Division.

10,828 fore ends and 11,839 butts were passed by the Timber Utilization Circle during the year under report.

### **Minor Forest Produce**

4,377 Mds. 5 Seers and 4 Chts. of Minor Forest Produce were collected departmentally during the year under report and stocked in Baramulla and Jammu MFP Godowns after being thoroughly dried, cleaned and shifted for disposal by open sale and supply to the Drug Research Laboratory at Jammu which is the main consumer of MFP Drugs.



In addition to the above MFP of minor importance such as Guchhian, Banafsha, Zeera, Anardana etc. are extracted through contractors against lump sum royalties offered by them in open auctions. In all Rs. 1,99,641.77 only were collected from this source in different Circles as under :—

1. Jammu Circle	.. Rs 1,69,012.84
2. Kashmir North Circle	.. Rs. 6,351.00
3. Kashmir South Circle	.. Rs. 24,277.93

The above amounts do not include Rs. 3 781.68 collected from the sale of Phou and Kanthi twigs.

### Artmesia

1,700 mds. of Artmesia were extracted in Gurez Range during the year under report at a cost of Rs. 51,500.00.

### River Operations

No river operations were undertaken. Rs. 1,65,764.00 were however, realized from the sale of drift wood contracts during the year.

### Resin Tapping

Resin tapping operations continued in the forests where Chir and Pine grow during the year under report. The quantity of resin collected this year, is the highest in last decade.

### Concessions and Free Grants

Timber in the shape of standing trees, kail, chir and fir were issued to the needy persons at concession rates or as free grant in different circles, throughout the year as under :—

	Concession	Free Grant
1. Jammu Circle	4,57,569 cft.	26,246 cft.
2. Chenab Circle	15,76,467 cft.	38,939 cft.
3. Kashmir North Circle	4,02,327 cft. + 51 Poles.	1,09,372 cft. + 108 Poles.
4. Kashmir South Circle	3,47,005 cft.	88,257 cft.
Total .....	27,83,548 cft. + 51 Poles.	2,62,814 cft. + 108 Poles.



### Timber Utilization Circle

The following quantities of timber were passed by the Timber Passing Organisation during the year under report :—

1. D. G. S. & D. 1,90,539 cft.
2. The Railways 9,27,462 B. G. Units.

From 1st November, 60 to end of October, 61 7,86,675 B. G. Unit of timber were supplied to the Northern Railways.

### Financial Results

The following table indicates the financial results of the year under report along with the corresponding figures of the previous year for the sake of comparison :—

Year	Receipts	Expenditure	Total	Surplus
	Rs.		Rs.	Rs.
1959-60	2,70,71,657.97	"A" "B"	53,35,881.43	2,17,35,776.54
1960-61	3,59,34,058.22	2,24,887.94	33,38,567.94	55,87,447.88
				(Surplus) 3,03,46,610.34

There has been increased expenditure on Soil Conservation Works and Community Development Projects during the year under report, but comparatively much less has been spent on cultural operations pertaining to Forestry.

1. Jammu Circle	..	Rs. 64 27,604.74
2. Chenab Circle	..	Rs. 3,03,33,150.34
3. Kashmir North Circle	}	.. Rs. 2,28,27,131.00
4. Kashmir South Circle		
Total	..	Rs. 5,95,87,886.08

### Outstanding against disbursers

Outstanding against various disbursers were negligible and were refunded.

### Activities of the Department

The Game Warden issued 429 Game Licences of different categories in favour of sportmen, local or foreign which fielded Rs. 17,156.00 as Licence Fee. Likewise in Jammu Province, shooting licences were issued by the CFs Chenab and Jammu in favour of Civil and Military Officers for shooting in State Rakhs of Reasi, Udhampur and Jasrota and Rs. 3,354.00 were realized through them as Licence Fee.



## **Duck and Chikor Shooting**

During the year under report all the Duck reserves in Kashmir were allotted 33 times with total No. of 59 Guns and the total bag was 1,914 ducks.

Similary 152 Chikors were bagged by sportmen in the Chikor areas maintained by the Department in Kashmir. This is besides the Chikors shot in the open areas.

## **Game Protection**

The following statement indicates the number of Game Offence cases for the year under report.

Rs. 2,555.44 were realized as compensation from those involved in various Game Offences.

## **Grass Fodder and other MFP Contracts**

Grass and Fodder etc. from Jheels and Game Reserves are usually sold by auction in both the provinces and Rs. 56,168.57 were realized by auctioning grass and fodder etc. from Jheels and Game Reserves during the year. Extraction of Singhara from Haygam Rakh was also given on contract as usual.

Shalbug grass cutting was permitted on permit basis among the locals and Rs. 29,976.00 were realised on this account.

Dhoop was also extracted from April in Upper Dachhigam Rakh and gross weight of 567 mds. 15 seers and 4 chts. of Dhoop was collected and delivered at MFP Godown Baramulla.

## **Firewood Supply**

Two firewood coupes were issued out against a lump sum royalty of Rs. 42,961.38 from the reserved Rakhs in Kashmir, and it met the demand of firewood and charcoal in the city to the tune of Rs. 30,000 mds. at the critical moment.

## **Revenue**

Total revenue realized through the Game Warden from the State Rakhs in the Kashmir Province was Rs. 1,67,248.97 during the year under report. In addition to this Rs. 9,130.00 was realized from State Rakhs in Chenab and Jammu Circles on account of grazing and fodder contracts. A scheme to set up a Zoological in the valley could not be implemented due to the non-availability of a suitable plot for this purpose.

## **Wild Life Week**

Wild life Week was celebrated during the year under report in the State. In Jammu and Srinagar and in other important towns some slides on wild life species were exhibited in cinema halls.



## Relief Activities

Rs. 2,380.00 were distributed as compensation to Forest Lessees labour in cases of injury or death. Free grants of timber trees were made in all deserving cases of fire and flood sufferers.

## Boom and River Conditions

River Chenab behaved in a normal fashion during the year under report and negligible loss of timber occurred by way of its being washed down beyond Akhnur. The total number of scants etc. collected at Akhnur and exported to Jammu from there is 9,66,799 during this year against 8,13,602 scants of the previous year.

## Grazing-cum-Erosion Survey

Grazing-cum-Erosion Survey Unit which had been created in order to assess the cattle population of the State along with its relation to Soil Erosion completed its work in Jammu Province during the year. In all this Unit surveyed an area of 79,601 sq. miles out of which 7,056 sq. were surveyed during the year under report.

## Industrial Concern

The undermentioned figures indicate the receipt and distillation of crude resin during the year under report as compared with that of the preceding year :—

Year	Quantity of raw resin received	Quantity of raw resin distilled by the Rosin and Turpentine factory
1959-60	69,604 Mds.	62,049 Mds.
1960-61	88,843 Mds.	60,005 Mds.

These figures clearly reveal that although more quantity of crude resin was received in the rosin & turpentine Factory from the Forests, comparatively less quantity could be distilled. Consequently as most of the resin filled tins were lying in the open, there being not sufficient covered accommodation available in the Factory for their storage, there was every possibility of deterioration of contents besides increasing fire risks, and therefore, about 20,000 Mds. of resin were sold by auction at appreciable prices. During the year under report of all the rosin and turpentine produced from the Factory, 76.22% was high grade rosin and 89.53% was first quality turpentine.

The following statement sums up the position of stocks and sales during the year under report :—

Year	Products	Opening stock on 1-4-60	Production during the year	Total stock	Disposed during the year	Closing balance 31-3-61
60-61	Resin mds.	1,525	45,554	47,079	44,204	2,875
	Turpentine Gallons	15,279	87,776	1,03,073	89,855	13,218



## Financial Position

The sale of the products of this factory remained very high during the year under report and it yielded a Revenue of Rs. 26,16,359.00 during the year under report against Rs. 19,28,332.00 of the preceding year. This is the highest figure ever recorded in the history of the factory.

A new timber shed has been constructed within the factory premises for storing of timber.

The following table indicates the number of trees marked and logs, scants etc. converted up to the end of the year under report :—

Coptt. No.	Total No. of trees marked	No. of trees felled	Logs extracted	Logs converted	Scants extracted
23/K	743	615	2,320	2,100	6,225
27/K	1,818	..	5,302	1,616	9,723
28/K	1,043	957	5,365	..	23,680
Extraction Total Scants					39,628

Out of the above-mentioned extraction of scant 17,555 sleepers etc. were hauled up to the destination ; and in all 5,772 sleepers etc. (=20,043.79 cft.) despatched to Pathankot during the year.

Revenue allotted to this Unit was Rs. 2.50 lakhs which was made up during the year under report against an expenditure of Rs. 4,35,000. This expenditure includes capital expenditure upon vehicles, steel wire ropes, band saw, diesel engine etc. valuing about Rs. 2.50 lakhs.



## TRADE COMMISSIONER NEW DELHI

The charge of the office of the Trade Commissioner during the year under report was partly held by S. Amar Singh and partly by Shri G. R. Renzu. S. Amar Singh was transferred as Commerce Secretary in December, 1960 and was succeeded by Shri G. R. Renzu as Trade Commissioner.

The work of the Commission comprised the following items during the year under report :—

(1) It maintained liaison with :

- (a) Ministers of the Government of India.
- (b) Central Secretariat and important Officers of the Government of India.
- (c) The leaders of various political parties.
- (d) Important Pressmen and journalists of Delhi.
- (e) Important business men and citizens of Delhi.
- (f) Members of the Parliament.
- (g) Diplomatic representatives of important countries (for furtherance of trade and commerce).

(2) This Commission took all possible measures to enhance the sale of Kashmiri crafts through firstly, the Emporia under the control of the Trade Commissioner and secondly by approaching the Trade representatives in Delhi of various countries for purchase of State crafts.

(3) This Commission assisted different State Departments in making purchases and inviting tenders and quotations for their requirements in Delhi.

Close liaison was maintained with the Press, and the developmental activities of the State were fully publicised.

Tourist traffic received a fillip during the year. An attempt was made to attract more tourists to the State by personal contacts and by publicising on a larger scale places of tourist interests in the State. Every facility and help was given by the Trade Commissioner to the tourists visiting Kashmir during the year. An additional Sky Master service was got started in addition to the Viscount and Dakota services.

The Labour Welfare Unit of this Commission rendered all possible help and assistance for the general amelioration of Kashmiri labourers who came down during winter months to find a living in different areas of Delhi and Punjab. Several seriously labourers were referred under the Contributory Health Scheme to Delhi hospitals for specialised treatment. The deserving destitute and poor labourers who could not save anything were given relief in the



shape of cash payment and railway tickets for their return journey to Kashmir.

Employment was also secured for many labourers during the period under report. Disputes that arose between labourers and their employers were got amicably settled.

The Haj pilgrims from Kashmir who passed *via* Delhi *en route* to Bombay were properly looked after and arrangements were made for the sea passengers for such pilgrims who were on the waiting list with the Port Haj Committee or Shipping Lines Bombay.

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## TRADE AGENCY BOMBAY

During the year under report the Agency rendered assistance in arranging sales of various kinds of goods produced in the State. The Agency was also of help to almost all the Government Departments in obtaining quotations for various items and procurement of materials, and also in clearance of the goods received from abroad.

Quotations for materials required by various departments were obtained and submitted to respective authorities.

### Participation in Exhibitions

The Trade Agency participated in the Exhibition "GLIMPSES OF WONDER AND BEAUTY" organised by the Government of Maharashtra in February, 1961. The Kashmir Pavillion which was constructed in the form of a traditional house-boat of Kashmir in typical Kashmiri settings drew the largest number of visitors including foreigners. It is estimated that over a million people visited the exhibition.

The services rendered by the Agency during the year under report are given below :—

1. Air passages and rail tickets were arranged for Government Officers against priorities.
2. Assistance was rendered to students in getting admission to local colleges and in providing hostel or private accommodation.
3. Labourers and other people coming from Kashmir were assisted in getting employment in various private and Government organisations.
4. Four parties of students (each party consisting of 25 to 30 students) belonging to Government College for Women, Srinagar, Government College for Women, Jammu, S. P. College, Srinagar and Arts College, Jammu arrived in Bombay during the months of December, 1960 and January, 1961 on an educational tour. The parties were given all possible assistance in matters of accommodation, transport etc. Their visits were arranged to places of educational interest.

### Haj Pilgrimage

570 Haj pilgrims went for pilgrimage during the year under review. They were given all possible assistance. Arrangements in respect of booking of passages, passports etc. were made by the Agency to the satisfaction of the pilgrims. The pilgrims were received on return from Jeddah and arrangements made for their return journey to Pathankot.

### Relief Work

Seventy bales of used woollen and cotton clothings donated by the Y. N. C. A. (Department of Social Services), Bombay were received and despatched to the Chief Executive Officer, Emergency Relief Organisation, Jammu for distribution among the poor and needy persons.



**Information Service**

The Press Note and booklets received from the Directorate of Information from time to time were distributed among the local papers and important personages.

**Tourism**

Measures were adopted to increase tourist traffic to Kashmir. The prospective tourists, who called upon the Trade Agent personally, were given all information and assistance and enthused to visit Kashmir in large numbers.

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**TRADE AGENCY PATHANKOT****Charge**

The charge of the Trade Agency Pathankot remained with Shri D. N. Kachru during the year under report.

**Distribution of Foodgrains**

During the period under review the Trade Agency at Pathankot received, handled and despatched to different centres in the State 26,40,385 lakh mds. of foodgrains and other essential commodities. The details of foodgrains and other commodities received by rail and despatched to different centres in the State are given as under :—

Rice	6,77,912 Mds.
Wheat	6,24,735 „
Salt	2,89,368 „
Cement	5,53,124 „
Sugar	2,99,968 „
Maize	1,685 „

Heavy machinery for the Government departments and other factories received was despatched to concerned quarters in the State. The consignments of heavy machinery alone accounted for 75,900 mds. Normal commission earnings on this account amounted to Rs. 26,546 98 nP.

**Labour Welfare**

Many cases of non-payment of wages by different contractors brought to the notice of this office were settled and the unwilling contractors were made to pay full wages to the Mazdoors that were due to them. A sum of Rs. 11 795/- was recovered from the unwilling contractors and paid to the concerned Mazdoors. This office also extended help to the sick and the destitute labourers.

**Haj Pilgrims**

Arrangements were made for reception and train accommodation of a party of 502 Haj Pilgrims. On their return journey also necessary facilities were extended to them.

**Railway Compensation Claims**

Claims with the Railway headquarters for compensation due to transit losses were pursued and a sum of Rs. 15,835/- was recovered. Steps were also taken to accelerate the other claim cases lying with the Railway Administration.



**TRADE AGENCY AMRITSAR****Charge**

The charge of the Trade Agency, Amritsar remained with Shri Mani Ram Trade Agent.

**Main Activities**

The services rendered by the Agency during the year under report are given below :—

1. About 30,000 Kashmiri labourers came to Punjab and employment for most of them was secured through the Agency.
2. Relief in the form of medical aid etc. was given to the destitutes and ailing Kashmiri labourers and proper care was taken to afford necessary assistance.
3. Necessary accommodation was provided to the most of the Kashmiri labourers at Amritsar, Jullundur, Ludhiana, Ambala and Simla and other cities in Punjab.
4. The Kashmiri labourers working in Punjab were given assistance in their cases of disputes with the contractors, businessmen in the Punjab, Pepsu, Himachal Pradesh and the Public Works Department of Punjab.
5. Competitive quotations were secured by this Agency from the stockists, manufacturers and wholesale dealers for various commodities required by the Government Commercial Concerns and other Government Departments, in response to their tender notices copies whereof were supplied by the concerned to this Agency during the year under report.
6. During the year under report sale of woollen knitting yarn of Government Woollen Mills, Rosin and Turpentine of Jammu Rosin and Turpentine Factory and silk fabrics of Government Silk Weaving Factory, Srinagar was conducted through this Agency.

**Receipts and Sales**

The receipts from the Government agricultural lands situated in Amritsar amounted to Rs. 3,472.39 during the year under report.

The sales of Amritsar branch of the Emporium amounted to about Rs. 1 lakh during the year under report.

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## STATIONERY AND PRINTING DEPARTMENT

### A. General

1. The Stationery and Printing Department remained under the administrative control of Shri J. N. Zutshi. He was assisted in his work by the Deputy Controller, Shri R. K. Sharma.

2. The Department continued to comprise of the following four units :—

1. Ranbir Government Press, Jammu.
2. Government Press, Srinagar.
3. Stationery and Supplies Depot, Jammu.
4. Stationery and Supplies Depot, Srinagar.

3. As usual during the year the Stationery Depots supplied stationery, typewriters and uniforms to the Government Departments and other non-Government and paying Departments. They also supplied paper to the Government Presses. The latter were entrusted with printing of the work allotted to them by various Government Departments. They also printed Treasury and Misc. Forms and registers.

4. The following services were also rendered by the Department to other Departments :—

- (i) Supply of coal.
- (ii) Supply of cycles.
- (iii) Supply of trunks.
- (iv) Disposal of waste paper.
- (v) Supply of rubber stamps.
- (vi) Supply of duplicators.

5. The Department conducted auctions on behalf of other Government Departments, through Government auctioneers, who are under its administrative control. The service of repairing typewriters was, as usual, rendered to other Departments by the mechanics of the Department.

### B. Government Press, Srinagar

The out-turn of the various sections of Government Press, Srinagar was as under :—

#### (i) COMPOSING SECTION

Total No. of ens composed

.. 1,27,73,112



Total No. of pages make up and corrected .. 25,462

Total No. of ens perforated and cast .. 1,28,96,104

(ii) PRINTING SECTION

Total No. of impressions .. 79,12,800

(iii) BINDING SECTION

1. Books and Registers .. 48,879

2. Copies .. 1,21,193

C. Ranbir Government Press, Jammu

The out-turn of the various branches was as under :—

(i) COMPOSING

	Ens
Hand	4,26,58,393
Mono	99,60,180
Lino	41,94,324
Corrections	5,68,12,897
Make up and Rule Dress	13,583
	9,309

(ii) PRINTING

Litho printing impressions	78,30,235
Kitabat pages	7,219

(iii) BINDING

Books	95,350
Copies	2,62,930
Ruling impressions	9,52,628
Numbering impressions	28,668

D. Stationery and Supplies Depot, Srinagar

The supplies to the Government offices located in Kashmir were made as usual to the extent of value indicated below :—

i. Stationery articles including paper	Rs. 3,79,087.73 nP.
ii. Uniforms	Rs. 1,64,133.73 nP. excluding revenue on chowkidari uniforms which was paid by the Financial Commissioner.
iii. Typewriters	Rs. 45,000



2,017 summer and 1,480 winter uniforms for orderlies, 46 summer and 32 winter uniforms for Jamadars and 1,179 uniforms for Revenue Chowkidars and 80 for Drivers and Dais were issued to the various Government Departments. Over 700 typewriters were repaired by mechanics attached to this Department. A number of old and unserviceable typewriters were got rebuilt through the mechanics and issued for use in the Government Offices.

#### **E. Stationery and Supplies Depot, Jammu**

Uniform material worth Rs. 1,41,655.29 was purchased during 1960-61. Material worth Rs. 1,33,538.41 was consumed in preparation of the uniforms supplied to the various indenting offices.

Carriage A, C and D typewriters were issued to all the indenting officers during the year under report. Portable typewriters of a standard quality suited to the needs of the Government offices were not available in the market, as such the needs of some of the Government offices could not be satisfied. Rebuilt and reconditioned portable typewriters were however issued to some of the offices. About 25 typewriters were rebuilt.

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